3796

# METEOROLOGICAL OFFICE.

# DAILY WEATHER REPORTS.

## 1ST JULY — 31ST DECEMBER, 1879.

F & T 500 2—80

Dangerfield, lith. London

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DECR 31ST 1879.

# DAILY WEATHER REPORT Oct^R 1^st 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 30·23 | 48 | S | 2 | r | 30·19 | + ·02 | 49 | 49 | − 2 | E | 2 | o | * | 51 | 48 | 0·39 |
| Hernösand ... | 30·21 | 48 | Z | o | o | 30·18 | + ·01 | 48 | 46 | + 4 | NNW | 2 | o | * | 54 | 39 | 0·04 |
| Stockholm ... | 30·21 | 52 | Z | o | c | 30·23 | + ·07 | 50 | 49 | − 5 | NNW | 2 | o | * | 59 | 50 | 0·04 |
| Wisby ... ... | 30·16 | 48 | NW | 4 | c | 30·17 | + ·06 | 51 | 50 | − 2 | NNW | 4 | b | * | 59 | 50 | — |
| Christiansund... | 30·23 | 47 | ESE | 1 | b | 30·09 | − ·07 | 48 | 43 | + 2 | SE | 3 | b | 4 | 50 | 37 | — |
| Skudesnaes ... | 30·21 | 45 | Z | o | b | 30·06 | − ·17 | 52 | 46 | + 3 | SE | 8 | c | 5 | 54 | 45 | — |
| Oxö (Xtiansund) ... | 30·26 | 48 | NNW | 1 | b | 30·19 | + ·02 | 48 | 46 | + 3 | NNE | 4 | bc | 2 | 54 | 41 | — |
| Skagen (The Skaw) | 30·25 | 50 | N | 2 | b | 30·21 | + ·04 | 47 | 46 | − 5 | Z | o | b | o | 57 | 49 | — |
| Fanö ... ... | 30·25 | 46 | E | 2 | b | 30·13 | − ·12 | 50 | 49 | − 1 | SSE | 4 | o | * | 55 | 45 | — |
| Cuxhaven ... | 30·29 | 57 | NE | 1 | b | 30·15 | − ·09 | 52 | 51 | o | SSE | 3 | o | * | ? | 48 | — |
| Sumburgh Head | 30·03 | 49 | SSE | 5 | bc | 29·68 | − ·42 | 51 | 51 | + 1 | SSE | 8 | m | 7 | 55 | 42 | 0·14 |
| Stornoway ... | 29·87 | 52 | S | 6 | o | 29·33 | − ·61 | 52 | 51 | + 1 | S | 6 | r | 6 | 53 | 44 | 0·09 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29·94 | 52 | S | 6 | o | 29·54 | − ·54 | 53 | 52 | + 1 | S | 7 | o | 5 | 57 | 49 | 0·05 |
| Nairn ... ... | 29·95 | 50 | Z | o | bc | 29·53 | − ·56 | 56 | 53 | + 7 | SSE | 1 | o | 1 | 56 | 48 | — |
| Aberdeen ... | 30·02 | 51 | S | 4 | o | 29·64 | − ·53 | 52 | 52 | + 11 | S | 8 | r | 6 | 56 | 41 | 1·03 |
| Leith ... ... | 29·97 | 53 | SSE | 2 | c | 29·59 | − ·57 | 54 | 53 | + 6 | SSE | 2 | o | * | 62 | 40 | 0·26 |
| Shields ... ... | 30·04 | 51 | SE | 5 | o | 29·72 | − ·50 | 53 | 52 | + 12 | SE | 3 | o | 3 | 55 | 40 | — |
| Spurn Head ... | 30·07 | 50 | E | 4 | c | 29·69 | − ·52 | 54 | 53 | + 1 | ESE | 7 | rw | 6 | 56 | 50 | 0·04 |
| York ... ... | 30·06 | 55 | ESE | 3 | b | 29·69 | − ·54 | 53 | 52 | + 18 | ESE | 1 | r | * | 60 | 35 | 0·15 |
| Nottingham ... | 30·05 | 57 | SE | 1 | c | 29·66 | − ·55 | 54 | 53 | + 13 | SE | 2 | r | * | 63 | 41 | 0·16 |
| Ardrossan ... | 29·92 | 53 | S | 4 | o | 29·53 | − ·59 | 55 | 53 | + 7 | S | 6 | o | 5 | 55 | 47 | 0·15 |
| Mullaghmore ... | 29·79 | 52 | S | 5 | o | 29·51 | − ·53 | 52 | 49 | + 2 | SW | 6 | cgg | 4 | 54 | 42 | 0·01 |
| Donaghadee ... | 29·92 | 53 | S | 3 | c | 29·56 | − ·57 | 55 | 55 | + 6 | SSW | 5 | r | 3 | 55 | 49 | 0·38 |
| Kingstown ... | 29·90 | 55 | SSE | 4 | o | 29·61 | − ·52 | 55 | 52 | + 8 | W | 4 | bc | 3 | 58 | 46 | 0·10 |
| Holyhead ... | 29·92 | 55 | SSE | 2 | o | 29·63 | − ·50 | 56 | 55 | + 11 | SSW | 2 | r | 1 | 58 | ?45 | 0·16 |
| Liverpool (Bidston) | 29·96 | 53 | ESE | 3 | o | 29·62 | − ·56 | 54 | 54 | + 10 | ESE | 3 | r | 1 | 56 | 44 | 0·18 |
| Valentia ... ... | 29·58 | 52 | SSE | 4 | o | 29·68 | − ·36 | 53 | 50 | + 2 | W | 3 | bc | 3 | 55 | 49 | 0·19 |
| Roche's Point... | 29·88 | 55 | SSE | 4 | r | 29·67 | − ·41 | 53 | 51 | + 6 | WSW | 3 | b | 4 | 59 | 44 | 0·28 |
| Pembroke ... | 29·91 | 57 | S | 5 | o | 29·64 | − ·47 | 56 | 55 | + 8 | WSW | 3 | o | 4 | 58 | 48 | 0·05 |
| Scilly ... ... | 29·92 | 57 | S | 5 | o | 29·73 | − ·34 | 57 | 57 | + 2 | W | 5 | o | 5 | 60 | 55 | 0·35 |
| Prawle Point ... | 29·98 | 56 | SE | 4 | o | 29·69 | − ·41 | 57 | 57 | + 3 | SW | 3 | f | 4 | 58 | 53 | 0·28 |
| Hurst Castle ... | 30·05 | 56 | SSE | 4 | o | 29·72 | − ·42 | 59 | 59 | + 3 | SW | 6 | dm | 6 | 61 | ?56 | 0·37 |
| Dover ... ... | 30·14 | 58 | E | 1 | b | 29·80 | − ·37 | 56 | 55 | − 1 | SSW | 5 | or | 4 | 59 | 55 | 0·06 |
| London ... ... | 30·09 | 56 | SE | 2 | o | 29·72 | − ·44 | 59 | 57 | + 6 | S | 4 | o | * | 62 | 51 | 0·19 |
| Oxford ... ... | 30·08 | 57 | SSE | 3 | r | 29·63 | − ·53 | 57 | 56 | + 8 | S | 3 | or | * | 59 | 49 | 0·38 |
| Cambridge ... | 30·07 | 55 | SE | 1 | bc | 29·72 | − ·46 | 54 | 53 | + 5 | SE | 1 | r | * | 64 | 46 | 0·26 |
| Yarmouth ... | 30·12 | 58 | SSE | 2 | b | 29·82 | − ·36 | 55 | 54 | − 2 | SSE | 6 | or | 4 | 60 | 53 | 0·11 |
| The Helder ... | * | * | * | * | * | 29·99 | − ·22 | 52 | 51 | − 4 | SE | 1 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30·04 | 59 | SE | 3 | o | 29·81 | − ·33 | 61 | 60 | + 6 | SW | 6 | ogm | 5 | 61 | 54 | 0·10 |
| Brest ... ... | 29·91 | 59 | SSE | 4 | f | 29·82 | − ·25 | 59 | 59 | + 2 | W | 7 | o | 4 | ? | ? | 0·16 |
| Lorient ... ... | ? | 60 | SW | 3 | o | ? | ? | 62 | 61 | + 7 | W | 7 | m | 4 | 59 | 54 | 0·32 |
| Rochefort ... | 30·11 | 64 | S | 4 | o | 30·07 | − ·11 | 62 | 60 | + 5 | SSW | 4 | r | 2 | 70 | 52 | — |
| Biarritz ... ... | | | | | | | | | | | | | | | | | |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29·99 | − ·23 | 50 | 48 | − 4 | SSE | 3 | o | * | 62 | 46 | — |
| Charleville ... | ? | 55 | WNW | 4 | o | ? | ? | 47 | 41 | − 4 | SW | 7 | c | * | 60 | 40 | — |
| Paris ... ... | 30·15 | 57 | SE | 1 | o | 30·00 | − ·21 | 56 | 54 | + 2 | S | 3 | r | * | * | * | — |
| Lyons ... ... | 30·15 | 53 | N | 1 | bc | 30·15 | − ·06 | 48 | 48 | + 1 | ENE | 1 | f | * | 64 | 44 | — |
| Toulon ... ... | 30·12 | 62 | W | 4 | b | 30·18 | + ·05 | 63 | 55 | o | Z | o | b | 1 | 68 | 57 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30·21 | 54 | 49 | NNW | 1 | bf | 2 |
| Sumburgh Head | 30·08 | 53 | 50 | SSW | 4 | bc | 4 |
| Stornoway ... | 29·90 | ?53 | 49 | SSW | 6 | b | 5 |
| Aberdeen ... | 30·09 | 54 | 50 | S | 3 | b | 1 |
| Shields ... ... | 30·12 | 52 | 52 | SE | 2 | c | 2 |
| Ardrossan ... | 30·02 | 54 | 50 | S | 4 | o | 4 |
| Mullaghmore ... | 29·91 | 53 | 47 | S | 5 | o | 4 |
| Holyhead... ... | 30·02 | 57 | 53 | SSE | 3 | b | 2 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 29·89 | 54 | 49 | SSE | 4 | og | 4 |
| Scilly ... ... | 29·99 | 58 | 56 | SSE | 4 | odf | 6 |
| Dover ... ... | 30·15 | 60 | 58 | SSW | 2 | b | 1 |
| London ... | 30·12 | 61 | 57 | SE | 1 | od | 2 |
| Yarmouth ... | 30·15 | 60 | 58 | SSE | 2 | b | 3 |
| Jersey... ... | 30·09 | 59 | 57 | SSE | 2 | og | 2 |
| Rochefort ... | 30·08 | 67 | 59 | ?NE | 4 | o | 2 |

Pressure has decreased everywhere - briskly at Valentia during the past two hours. The wind is S^ly and moderate or light except at Stornoway, where it is fresh.

### EXPLANATION OF COLUMNS.

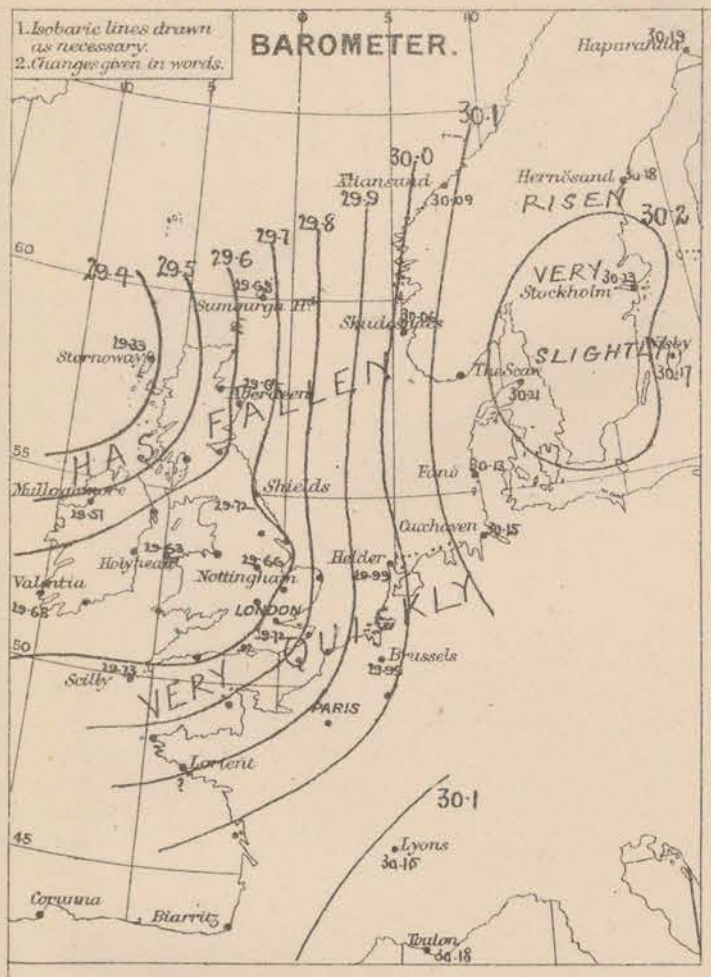
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

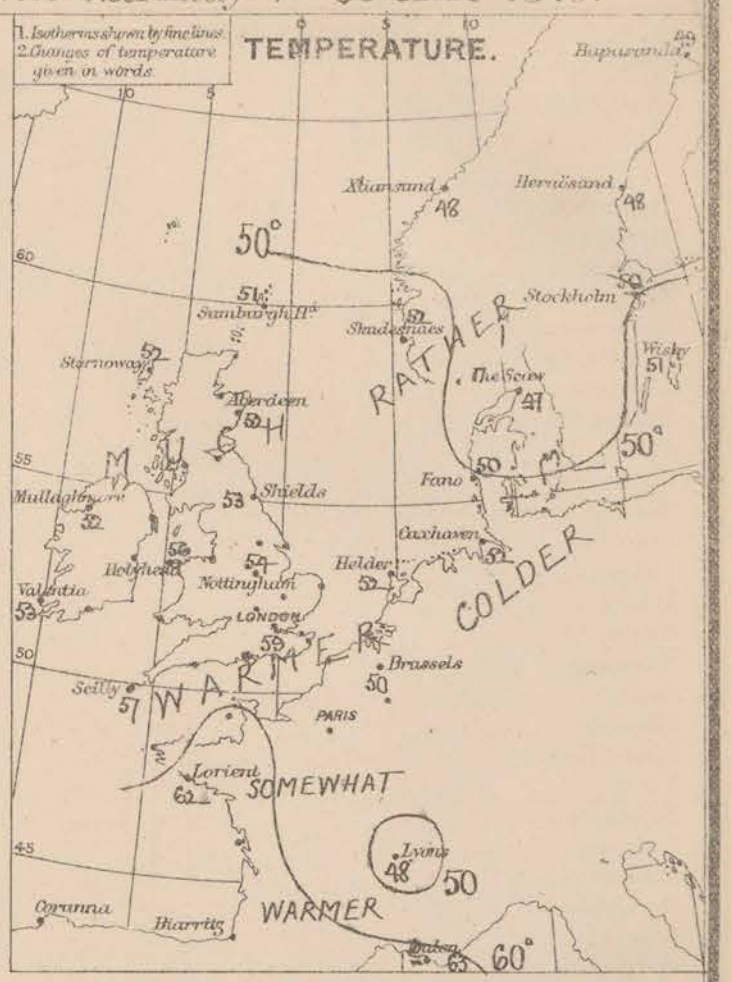
* AN ASTERISK is inserted in all places for which information is not usually received.

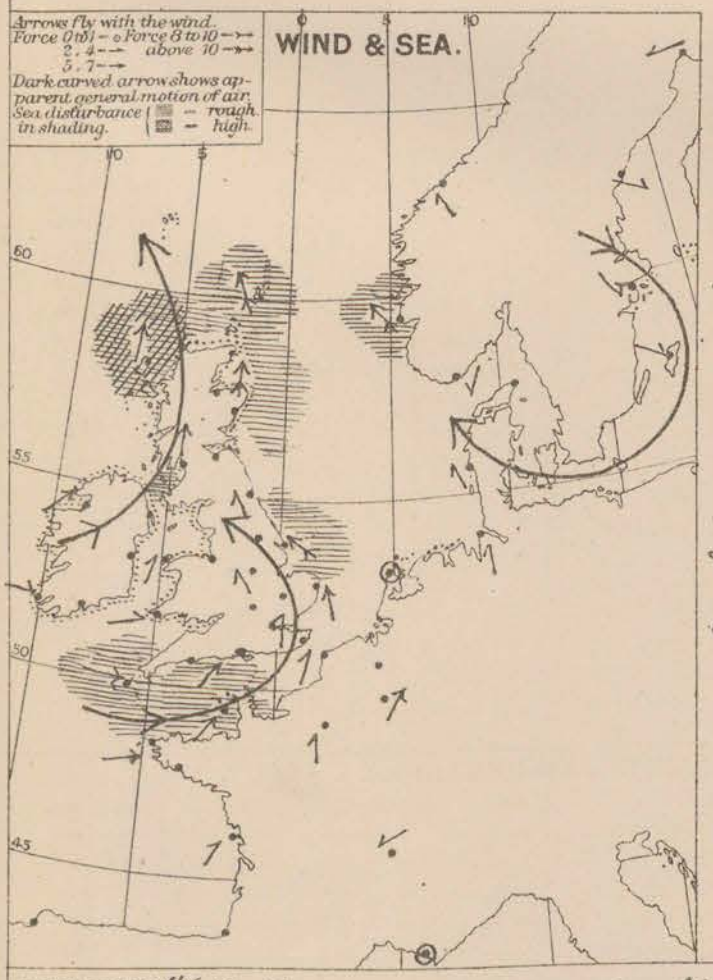
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

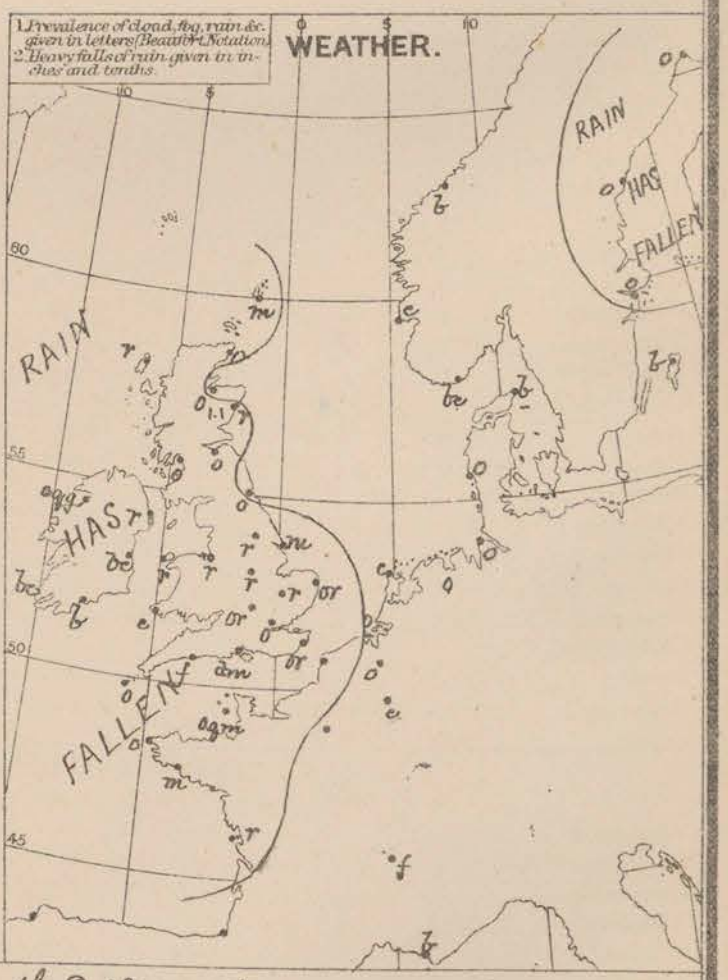
# WEATHER CHARTS *for 8 a.m. on Wednesday 1st October 1879.*




A dotted line is drawn when the signals are omitted.




**REMARKS.** Weather this morning is clearing considerably in the S. of Ireland, but is dull, & very cloudy elsewhere with rain over nearly the whole of England as well as at Rochefort, Aberdeen and Stornoway. Some mist or fog prevails in the Channel. Rain has fallen at most of our stations – very heavily at Aberdeen. Temperature has fallen a few degrees over the S. of Scandinavia and over Holland, but has risen over the whole of these Islands – the change in the NE being considerable. At York the rise amounts to 18°, at Shields to 14° and at Aberdeen to 11°. The rainfall yesterday varied between 55° and 65°. Wind is W. over the S. of Ireland and the W. half of the Channel, S. in the SE. and SE. in the E. of England and S. over Scotland. In the E. of Scotland the wind blows a fresh gale and however it is generally fresh or strong. Sea is high in the N., rough in the NE. and E., slight elsewhere.
Barometrical Indications. Pressure has increased a little over Sweden, but fallen over the whole of W. Europe rapidly over these Islands. A large depression lies off the W. coast of Scotland, and a subsidiary disturbance over England. Both appear to be travelling NE. and a slight recovery has commenced at Valentia.
Warnings. The storm cone is flying on the N. and W. coasts.

| | | | |
|---|---|---|---|
| Subscription for these Charts payable in advance to cover delivery. | Deliv" by hand 10/- per quarter. " book post 6/- " " | Meteorological Office. 116, Victoria Street, Westminster. S.W. | R. H. SCOTT. Secretary. |

Dangerfield Lith. 22 Bedford St. Covent Garden.

# DAILY WEATHER REPORT Oct^R 2^ND 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F and Sea Level. | Barometer. Differences from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Differences from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 30·11 | 48 | ℄ | 0 | f | 30·06 | − ·13 | 48 | 48 | − 1 | ℄ | 0 | f | * | 52 | 46 | 0·51 |
| Hernösand ... | 30·17 | 39 | ℄ | 0 | b | 30·12 | − ·06 | 36 | 34 | − 12 | ℄ | 0 | f | * | 50 | ? | — |
| Stockholm ... | 30·18 | 47 | ℄ | 0 | f | 30·06 | − ·17 | 54 | 52 | + 4 | S | 4 | o | * | 59 | 46 | — |
| Wisby ... ... | 30·12 | 44 | ℄ | 4 | b | 30·01 | − ·16 | 54 | 53 | + 3 | SSE | 6 | bc | * | 59 | 43 | — |
| Christiansund... | 29·85 | 51 | SE | 2 | bc | 29·58 | − ·51 | 59 | 48 | + 9 | SE | 2 | o | 2 | 59 | 43 | — |
| Skudesnaes ... | 29·73 | 54 | ESE | 5 | r | 29·69 | − ·37 | 51 | 45 | − 1 | W | 4 | c | 3 | ? | ? | 0·05 |
| Oxö (Xtiansund) ... | 29·92 | 54 | ESE | 6 | r | 29·69 | − ·50 | 55 | 54 | + 7 | SW | 6 | o | 3 | ? | ? | 0·71 |
| Skagen (The Skaw) | 29·95 | 56 | SE | 4 | o | 29·74 | − ·47 | 58 | 54 | + 9 | SW | 4 | r | 4 | 5 | 45 | 0·35 |
| Fanö ... ... | 29·78 | 56 | S | 6 | r | 29·84 | − ·29 | 59 | 56 | + 7 | WSW | 1 | c | * | 59 | 48 | 0·28 |
| Cuxhaven ... | 29·94 | 60 | S | 3 | r | 29·91 | − ·24 | 68 | 59 | + 6 | SSW | 1 | o | * | 61 | 50 | 0·05 |
| Sumburgh Head | 29·45 | 46 | W | 3 | r | 29·51 | − ·17 | 48 | 45 | − 3 | S | 5 | bc | 5 | 52 | 41 | 0·67 |
| Stornoway ... | 29·41 | 47 | WSW | 3 | bc | 29·34 | + ·01 | 46 | 44 | − 6 | S | 6 | c | 7 | 52 | 42 | 0·27 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29·51 | 45 | W | 3 | b | 29·51 | − ·03 | 46 | 43 | − 7 | WSW | 2 | b | 1 | 53 | 40 | 0·17 |
| Nairn ... ... | 29·52 | 50 | SSE | 1 | b | 29·52 | − ·01 | 42 | 40 | − 14 | ℄ | 0 | b | 0 | 60 | 40 | 0·08 |
| Aberdeen ... | 29·54 | 52 | SW | 1 | b | 29·60 | − ·04 | 44 | 42 | − 8 | S | 4 | b | 3 | 53 | 38 | 0·13 |
| Leith ... ... | 29·59 | 51 | WSW | 3 | bc | 29·63 | + ·04 | 45 | 43 | − 9 | SSW | 2 | b | * | 58 | 42 | 0·04 |
| Shields ... ... | 29·66 | 55 | WNW | 5 | b | 29·73 | + ·01 | 43 | 42 | − 10 | SW | 3 | o | 2 | 59 | 41 | 0·03 |
| Spurn Head ... | ? 29·80 | 52 | SW | 2 | c | ? | ? | 55 | 47 | + 1 | SSW | 4 | bc | 0 | 60 | 45 | 0·14 |
| York ... ... | 29·7[illegible] | 53 | W | 2 | b | 29·79 | + ·10 | 45 | 44 | − 8 | S | 1 | o | * | 60 | 42 | 0·04 |
| Nottingham ... | 29·77 | 54 | ℄ | 0 | b | 29·83 | + ·17 | 47 | 47 | − 7 | S | 1 | o | * | 64 | 40 | 0·13 |
| Ardrossan ... | 29·62 | 52 | W | 3 | b | 29·63 | + ·10 | 45 | 45 | − 7 | SW | 5 | bc | 4 | 55 | 47 | 0·11 |
| Mullaghmore ... | 29·61 | 50 | WSW | 6 | bc | 29·58 | + ·07 | 46 | 43 | − 6 | SW | 6 | cq | 6 | 54 | 43 | 0·06 |
| Donaghadee ... | 29·68 | 48 | WSW | 4 | b | 29·67 | + ·11 | 44 | 43 | − 11 | WSW | 4 | b | 3 | 56 | 41 | 0·03 |
| Kingstown ... | 29·74 | 51 | W | 3 | b | 29·75 | + ·14 | 47 | 44 | − 8 | WSW | 4 | bc | 3 | 59 | 44 | 0·01 |
| Holyhead ... | 29·73 | 53 | W | 4 | c | 29·73 | + ·10 | 50 | 47 | − 6 | WSW | 4 | c | 3 | 60 | 49 | 0·01 |
| Liverpool (Bidston) | 29·74 | 52 | SW | 1 | c | 29·77 | + ·15 | 45 | 44 | − 9 | SW | 1 | f | 1 | 59 | 43 | 0·06 |
| Valentia ... ... | 29·77 | 51 | WSW | 4 | c | 29·84 | + ·16 | 50 | 47 | − 3 | W | 5 | oqhp | 5 | 57 | 45 | 0·18 |
| Roche's Point... | 29·78 | 51 | W | 4 | ba | 29·83 | + ·16 | 47 | 45 | − 6 | W | 3 | b | 3 | 56 | 45 | — |
| Pembroke ... | 29·81 | 55 | WSW | 4 | bc | 29·82 | + ·18 | 50 | 47 | − 6 | W | 6 | r | 5 | 58 | 49 | 0·05 |
| Scilly ... ... | 29·91 | 55 | WSW | 5 | o | 29·74 | + ·21 | 54 | 50 | − 3 | W | 6 | c | 6 | 59 | 50 | 0·07 |
| Prawle Point ... | 29·90 | 54 | WSW | 4 | c | 29·91 | + ·22 | 53 | 52 | − 4 | WSW | 5 | o | 4 | 60 | 50 | 0·03 |
| Hurst Castle ... | 29·86 | 55 | NW | 4 | bc | 29·92 | + ·20 | 56 | 54 | − 3 | SW | 5 | opw | 5 | 62 | 50 | 0·02 |
| Dover ... ... | 29·84 | 59 | WSW | 4 | bc | 29·93 | + ·13 | 53 | 51 | − 3 | W | 3 | b | 1 | 62 | 51 | 0·04 |
| London ... ... | 29·76 | 63 | WSW | 1 | o | 29·90 | + ·18 | 55 | 54 | − 4 | SW | 2 | bc | * | 64 | 45 | — |
| Oxford ... ... | 29·51 | 50 | W | 3 | b | 29·87 | + ·24 | 50 | 49 | − 7 | S | 1 | o | * | 62 | 47 | 0·03 |
| Cambridge ... | 29·81 | 56 | WSW | 1 | b | 29·88 | + ·16 | 48 | 47 | − 6 | SW | 1 | b | * | 66 | 42 | ? 0·90 |
| Yarmouth ... | 29·77 | 59 | SW | 2 | bc | 29·87 | + ·05 | 49 | 48 | − 6 | WSW | 2 | b | 2 | 62 | 46 | 0·20 |
| The Helder ... | * | * | * | * | * | 29·86 | − ·13 | 59 | 59 | + 5 | SSW | 1 | bc | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 29·96 | 57 | WNW | 4 | bc | 30·00 | + ·19 | 57 | 55 | − 14 | WSW | 4 | cw | 4 | 63 | 54 | — |
| Brest ... ... | 30·01 | 57 | WSW | 3 | b | 29·95 | + ·16 | 55 | 54 | − 4 | WNW | 4 | o | 4 | 61 | 54 | 0·04 |
| Lorient ... ... | ? | 55 | NW | 7 | b | ? | ? | 59 | ? | − 3 | WSW | 5 | o | 4 | 64 | 52 | — |
| Rochefort ... | 30·05 | 64 | W | 5 | o | 30·09 | + ·08 | 59 | 56 | − 3 | NNE | 3 | c | 2 | 73 | 52 | 0·12 |
| Biarritz ... ... | 30·07 | 68 | W | 3 | o | 30·08 | + ·07 | 64 | 61 | − 4 | ℄ | 0 | o | 4 | 77 | 61 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29·93 | − ·06 | 56 | 55 | + 6 | W | 1 | o | * | 59 | 55 | 0·04 |
| Charleville ... | | | | | | | | | | | | | | * | | | |
| Paris ... ... | 29·96 | 62 | S | 1 | o | 30·02 | + ·02 | 58 | 54 | + 2 | SSW | 4 | c | * | * | * | 0·08 |
| Lyons ... ... | 30·11 | 59 | ESE | 1 | b | 30·08 | − ·07 | 55 | 55 | + 7 | NNE | 1 | o | * | 72 | 49 | — |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29·85 | 55 | 49 | ESE | 7 | o | 4 | Valentia ... | 29·76 | 55 | 49 | W | 5 | bcq | 5 |
| Sumburgh Head | 29·51 | 51 | 51 | SSE | 8 | r | 7 | Scilly ... ... | 29·88 | 59 | 57 | W | 6 | bc | 5 |
| Stornoway ... | 29·37 | 48 | 46 | W | 4 | c | 4 | Dover ... ... | 29·78 | 61 | 60 | WSW | 5 | cq | 4 |
| Aberdeen ... | 29·50 | 53 | 52 | S | 8 | o | 6 | London ... | 29·76 | 63 | 59 | WSW | 2 | o | 4 |
| Shields ... ... | 29·58 | 57 | 56 | SW | 2 | bc | 3 | Yarmouth ... | 29·68 | 60 | 59 | SW | 2 | o | 4 |
| Ardrossan ... | 29·56 | 54 | 50 | W | 5 | c | 5 | Jersey ... ... | 29·89 | 60 | 59 | W | 5 | c | 5 |
| Mullaghmore ... | 29·59 | 51 | ? 46 | WSW | 6 | cq | 5 | Rochefort ... | 30·01 | 68 | 67 | WSW | 7 | r | 2 |
| Holyhead... ... | 29·69 | 57 | 54 | W | 4 | c | 3 | | | | | | | | |

Weather is cloudy and unsettled everywhere. The wind is W^ly in the W. and S., and SE^ly in the NE, where it still blows a fresh gale. The barometer is rising somewhat in the W., but still falls in the E.

### EXPLANATION OF COLUMNS.

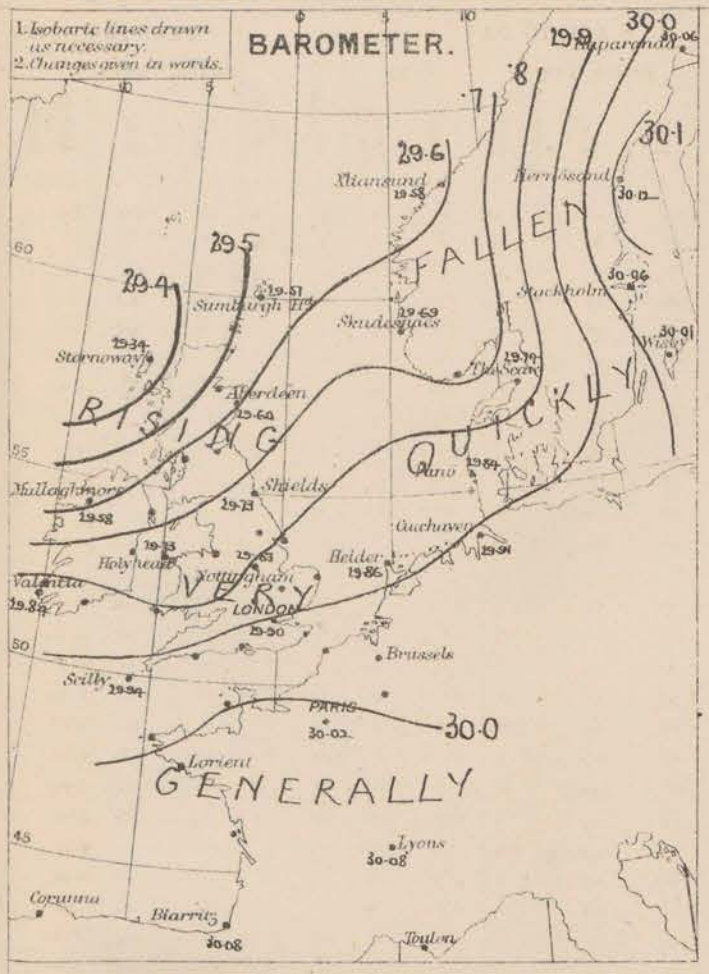
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

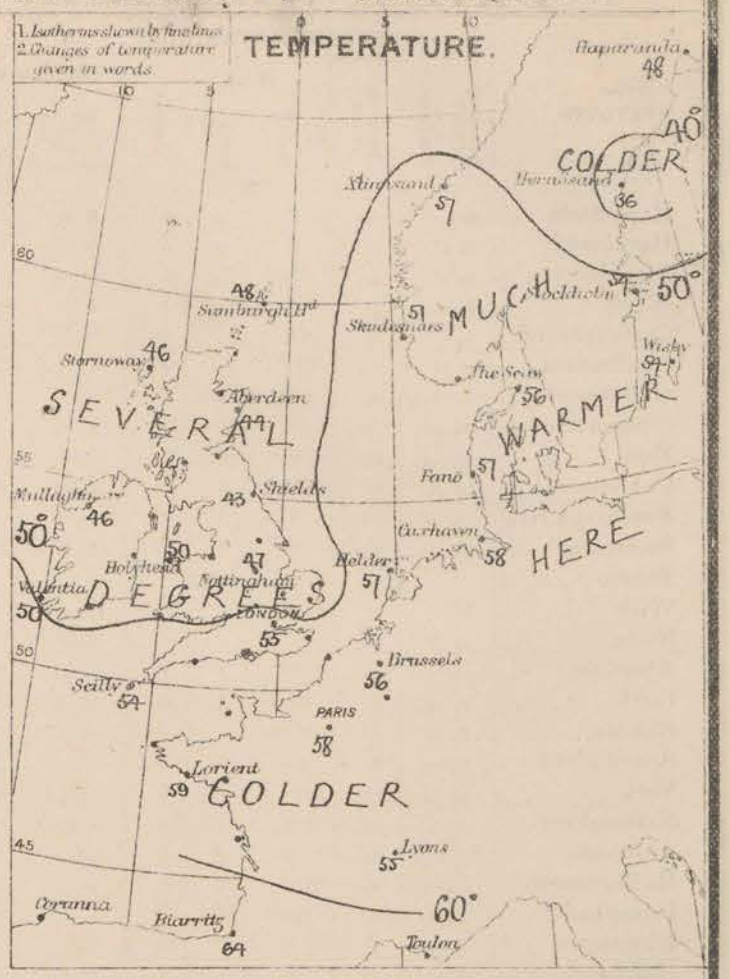
* AN ASTERISK is inserted in all places for which information is not usually received.

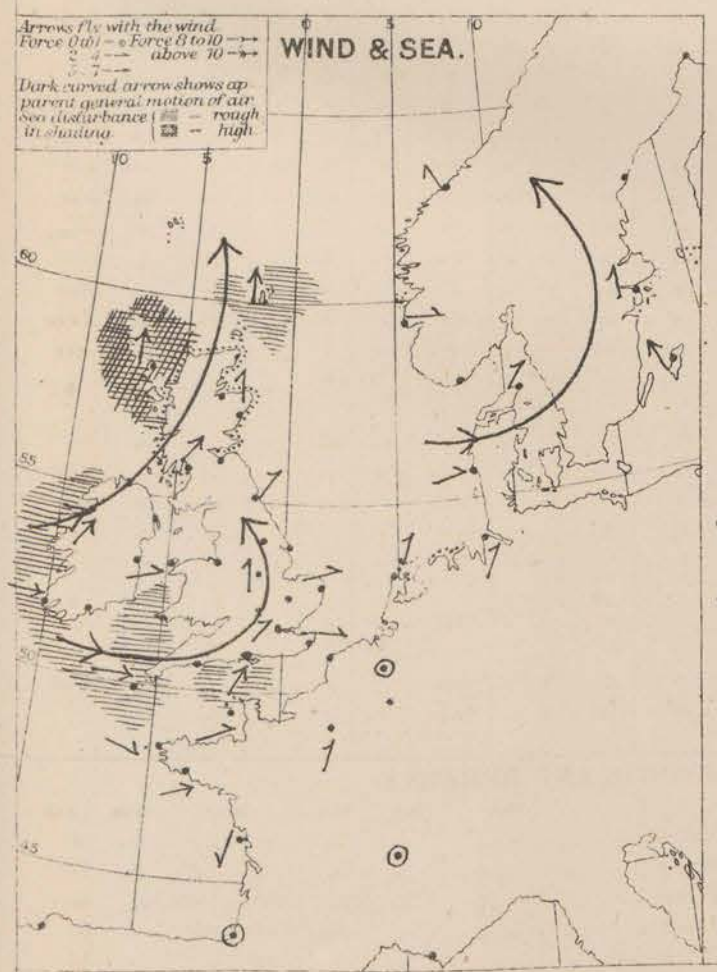
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

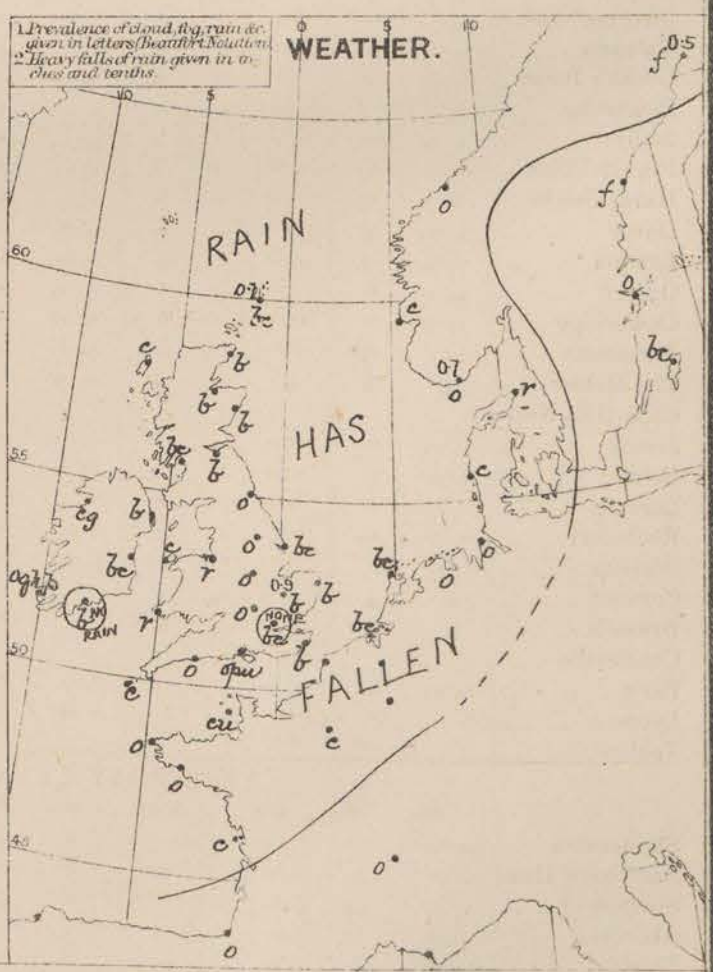
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Thursday 2nd October 1879.




A dotted line is drawn where the figures are stilled up —

**REMARKS.** Weather this morning is fine over the greater part of Scotland, the E. of Ireland and the SE. of England, but is cloudy or dull elsewhere. Rain is falling at Hurst Castle and in Wales, while hail showers are reported from Valentia. Rain has fallen in nearly all parts of the country, but the amounts are not large except at Cambridge, where nearly an inch is reported to have been measured. Temperature has fallen over the whole of this country, and the W. and N. of France, while it has risen briskly on the E^n shores of the Baltic Sea. Readings at present range from 56° at Hurst Castle to 42° at Rain. The maxima yesterday were between 55° and 65°. Wind is W^ly in the W. and S., SW^ly in the E. and S^ly in the N. It is moderate to fresh in force and appears to be backing and rising in the NW. Sea is light at Stornoway, rough off the W. of Ireland, and in the Channel, moderate to slight elsewhere.

Barometrical Indications. The barometer is rising slowly over the greater part of these Islands, but a small subsidiary depression is occasioning a fall over Central England, while in the NW of Scotland a separate decrease is reported. The depression which passed across these Islands yesterday has reached the S. of Scandinavia, and the mercury there is decreasing briskly. Warnings. The South Coast is still up in Scotland.

| | | | |
|---|---|---|---|
| Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/ per quarter. book post 5/ " " | Meteorological Office, 116, Victoria Street, Westminster. S.W. | R. H. SCOTT. Secretary. |

Dangerfield Lith. 22 Bedford St. Covent Garden

# DAILY WEATHER REPORT 3rd Octr 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 30·09 | 48 | S | 2 | c | 30·02 | − ·04 | 49 | 49 | + 1 | SE | 2 | r | * | 51 | 46 | — |
| Hernösand ... | 29·90 | 52 | ESE | 6 | r | 29·86 | − ·26 | 52 | 51 | + 16 | SSE | 6 | f | * | 52 | 30 | 0·51 |
| Stockholm ... | 29·95 | 55 | SSW | 6 | o | 29·72 | − ·34 | 54 | 54 | 0 | SSW | 6 | r | * | 57 | 52 | 0·20 |
| Wisby ... ... | 29·90 | 55 | SSE | 6 | o | 29·77 | − ·24 | 57 | 56 | + 3 | WSW | 6 | o | * | 61 | 41 | 0·32 |
| Christiansund... | 29·69 | 50 | WNW | 3 | o | 29·53 | − ·05 | 49 | 47 | − 8 | ENE | 1 | o | 2 | 57 | 41 | 0·28 |
| Skudesnaes ... | 29·67 | 53 | SSE | 6 | o | 29·59 | − ·10 | 47 | 46 | − 4 | ? | 0 | o | 3 | 54 | ? | 0·35 |
| Oxö (Xtiansund) ... | 29·79 | 53 | ESE | 2 | o | 29·60 | − ·09 | 47 | 45 | − 8 | WSW | 5 | r | 4 | 55 | 45 | 0·20 |
| Skagen (The Skaw) | 29·76 | 56 | SE | 4 | o | 29·66 | − ·08 | 50 | 46 | − 6 | W | 6 | c | 6 | 59 | ? | 0·43 |
| Fanö ... ... | 29·71 | 54 | WSW | 4 | b | 29·83 | − ·01 | 53 | 48 | − 4 | W | 6 | c | * | 61 | 50 | 0·16 |
| Cuxhaven ... | 29·80 | 58 | W | 5 | r | 29·99 | + ·05 | 51 | 50 | − 7 | W | 6 | r | * | 61 | 48 | 0·58 |
| Sumburgh Head | 29·49 | 49 | S | 5 | o | 29·39 | − ·12 | 46 | 44 | − 2 | WSW | 7 | r | 6 | 52 | 44 | 0·05 |
| Stornoway ... | 29·43 | 46 | WSW | 4 | o | 29·50 | + ·16 | 48 | 47 | + 2 | W | 6 | c | 5 | 50 | 43 | 0·37 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29·54 | 46 | WSW | 4 | b | 29·51 | ·00 | 49 | 45 | + 3 | W | 4 | o | 2 | 53 | 43 | — |
| Nairn ... ... | 29·56 | 45 | SW | 2 | b | 29·60 | + ·08 | 47 | 43 | + 5 | SW | 4 | b | 1 | 53 | 41 | — |
| Aberdeen ... | 29·58 | 49 | SW | 1 | b | 29·67 | + ·07 | 47 | 44 | + 3 | SSW | 4 | b | 2 | 55 | 37 | — |
| Leith ... ... | 29·65 | 55 | WSW | 3 | b | 29·77 | + ·14 | 47 | 45 | + 2 | SW | 4 | c | * | 57 | 43 | 0·07 |
| Shields ... ... | 29·70 | 51 | SW | 4 | bc | 29·89 | + ·16 | 47 | 45 | + 4 | WSW | 2 | o | 2 | 53 | 42 | 0·04 |
| Spurn Head ... | 29·79 | 50 | SSW | 5 | c | 30·02 | ? | 48 | 45 | − 7 | SSW | 6 | c | 4 | 55 | 44 | 0·15 |
| York ... ... | 29·75 | 47 | S | 3 | bc | 30·00 | + ·21 | 46 | 44 | + 1 | S | 2 | o | * | 54 | 42 | 0·05 |
| Nottingham ... | 29·89 | 46 | NW | 6 | r | 30·07 | + ·24 | 44 | 44 | − 3 | SW | 3 | o | * | 51 | 37 | 0·28 |
| Ardrossan ... | 29·66 | 49 | WNW | 2 | o | 29·80 | + ·17 | 50 | 47 | + 2 | WSW | 5 | r | 5 | 52 | 47 | 0·18 |
| Mullaghmore ... | 29·76 | 49 | W | 6 | bc | 29·77 | + ·19 | 50 | 49 | + 4 | SW | 6 | rm | 6 | 53 | 43 | 0·55 |
| Donaghadee ... | 29·74 | 45 | W | 4 | b | 29·88 | + ·21 | 43 | 43 | − 1 | SW | 5 | r | 4 | 53 | 41 | 0·10 |
| Kingstown ... | 29·81 | 47 | W | 5 | b | 29·96 | + ·21 | 49 | 47 | + 2 | SSW | 4 | om | 3 | 54 | 47 | 0·06 |
| Holyhead ... | 29·81 | 49 | W | 5 | c | 29·99 | + ·26 | 51 | 48 | + 1 | SW | 5 | r | 4 | 54 | 45 | 0·07 |
| Liverpool (Bidston) | 29·81 | 47 | SW | 3 | c | 30·01 | + ·24 | 49 | 46 | + 4 | SW | 3 | c | 2 | 53 | 45 | 0·45 |
| Valentia ... ... | 29·97 | 50 | WNW | 4 | bc | 30·05 | + ·21 | 55 | 54 | + 5 | WSW | 4 | om | 5 | 56 | 46 | 0·12 |
| Roche's Point... | 29·98 | 46 | WNW | 4 | c | 30·06 | + ·23 | 55 | 53 | + 8 | W | 4 | o | 4 | ? | 44 | 0·18 |
| Pembroke ... | 29·91 | 51 | WSW | 6 | bc | 30·09 | + ·27 | 54 | 51 | + 4 | SW | 5 | o | 4 | 54 | 47 | 0·01 |
| Scilly ... ... | 30·03 | 55 | W | 7 | c | 30·21 | + ·27 | 56 | 55 | + 2 | WSW | 5 | o | 6 | 57 | 54 | — |
| Prawle Point ... | 30·00 | 52 | W | 5 | c | 30·21 | + ·30 | 53 | 50 | 0 | WSW | 4 | bc | 2 | 57 | 46 | 0·04 |
| Hurst Castle ... | 29·96 | 54 | WNW | 4 | c | 30·20 | + ·28 | 52 | 50 | − 4 | WNW | 4 | b | 5 | 57 | 47 | 0·02 |
| Dover ... ... | 29·97 | 53 | W | 3 | bc | 30·19 | + ·26 | 47 | 45 | − 6 | W | 4 | b | 3 | 59 | 45 | 0·03 |
| London ... ... | 29·94 | 49 | SSW | 2 | o | 30·17 | + ·27 | 49 | 47 | − 6 | SW | 3 | b | * | 60 | 39 | 0·04 |
| Oxford ... ... | 29·94 | 51 | W | 1 | o | 30·17 | + ·30 | 47 | 47 | − 3 | SW | 1 | bc | * | 56 | 40 | 0·25 |
| Cambridge ... | 29·89 | 49 | SW | 1 | o | 30·13 | + ·25 | 46 | 45 | − 2 | SW | 1 | c | * | 57 | 40 | 0·06 |
| Yarmouth ... | 29·87 | 49 | WSW | 2 | b | 30·10 | + ·23 | 46 | 44 | − 3 | W | 2 | b | 2 | 58 | 42 | 0·18 |
| The Helder ... | * | * | * | * | * | 30·04 | + ·18 | 53 | 50 | − 4 | W | 3 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30·10 | 54 | W | 5 | bc | 30·29 | + ·29 | 54 | 50 | − 3 | W | 2 | b | 2 | 59 | 50 | 0·05 |
| Brest ... ... | 30·17 | 56 | NW | 5 | o | 30·27 | + ·29 | 55 | 54 | 0 | W | 3 | b | 2 | 59 | ? | 0·04 |
| Lorient ... ... | ? | 55 | W | 5 | bc | ? | ? | 54 | 52 | − 5 | W | ? | m | 2 | 63 | 52 | 0·08 |
| Rochefort ... | 30·17 | 61 | NW | 5 | c | 30·30 | + ·21 | 55 | 56 | − 1 | ESE | 3 | o | 2 | 65 | 52 | — |
| Biarritz ... ... | 30·22 | 63 | NW | 3 | c | 30·28 | + ·20 | 57 | 54 | − 7 | SE | 4 | b | 1 | 72 | 52 | 0·55 |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30·20 | + ·27 | 48 | 46 | − 8 | SW | 3 | b | * | 62 | 46 | — |
| Charleville ... | ? | 55 | W | 1 | bc | ? | ? | 46 | 41 | ? | WSW | 1 | b | * | 65 | 41 | — |
| Paris ... ... | 30·09 | 60 | WNW | 1 | o | 30·34 | + ·32 | 55 | 51 | − 3 | WNW | 3 | b | * | * | * | — |
| Lyons ... ... | 30·13 | 57 | NW | 1 | o | 30·28 | + ·20 | 57 | 53 | + 2 | NNW | 1 | bc | * | 67 | 44 | — |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29·70 | 53 | 48 | SSE | 6 | c | 3 | Valentia ... | 29·91 | 50 | 46 | NW | 5 | cqp | 6 |
| Sumburgh Head | 29·45 | 51 | 47 | S | 5 | bc | 5 | Scilly ... ... | 30·02 | 57 | 54 | W | 6 | c | 6 |
| Stornoway ... | 29·38 | 49 | 46 | W | 4 | b | 5 | Dover ... ... | 29·89 | 57 | 55 | WSW | 5 | bcqp | 3 |
| Aberdeen ... | 29·57 | 53 | 48 | SSW | 3 | b | 3 | London .. | 29·91 | 56 | 50 | WSW | 4 | bcp | 4 |
| Shields ... ... | 29·70 | 50 | 48 | SW | 4 | c | 2 | Yarmouth ... | 29·80 | 55 | 53 | SW | 3 | r | 3 |
| Ardrossan ... | 29·59 | 51 | 47 | WSW | 6 | cqp | 5 | Jersey... ... | 30·06 | 58 | 52 | WNW | 5 | bcq | 6 |
| Mullaghmore ... | 29·65 | 46 | 45 | NW | 8 | rq | 6 | Rochefort ... | 30·13 | 64 | 59 | WNW | 3 | c | 2 |
| Holyhead... ... | 29·78 | 51 | 48 | WSW | 5 | cp | 4 | | | | | | | | |

The barometer is falling a little in the E., but is rising in the W and N. The wind is W & generally, and showers are reported from many stations.

### EXPLANATION OF COLUMNS.

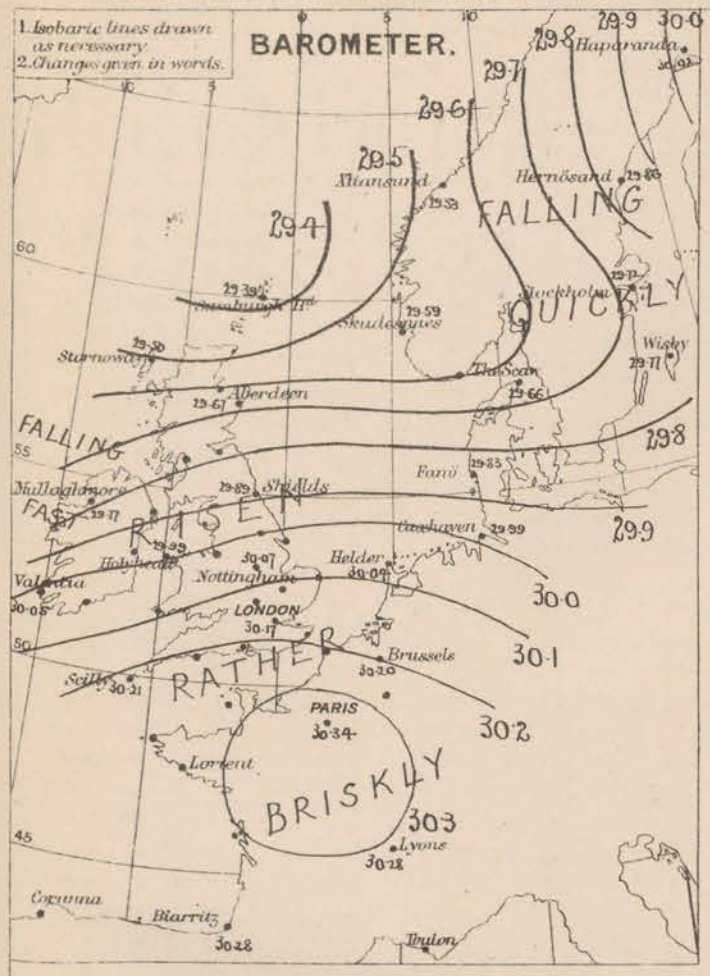
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain, s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

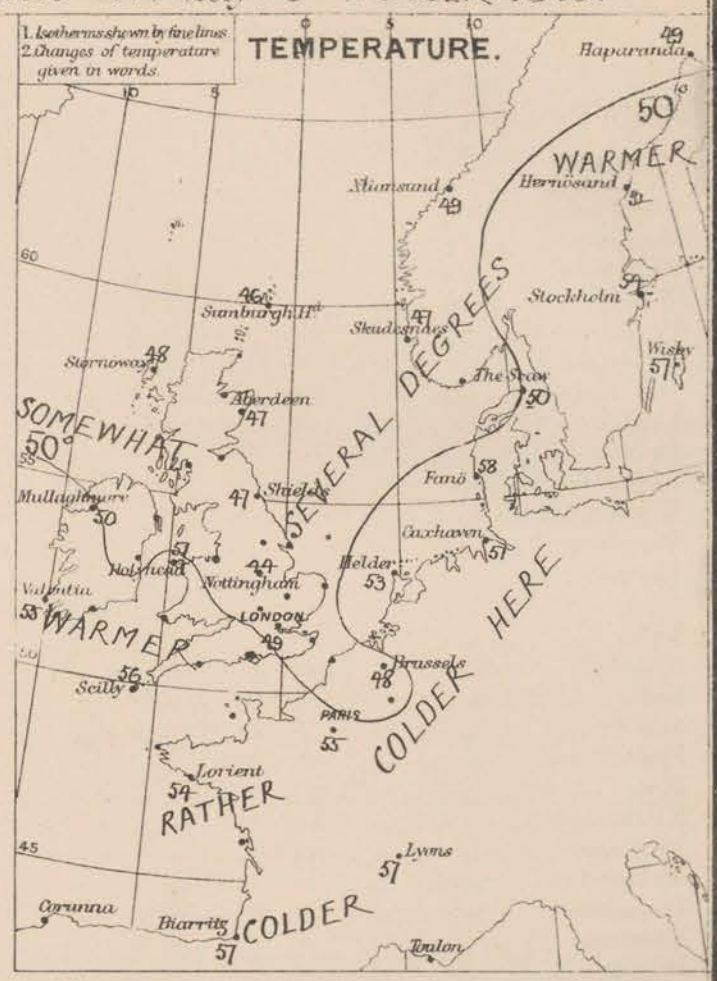
* AN ASTERISK is inserted in all places for which information is not usually received.

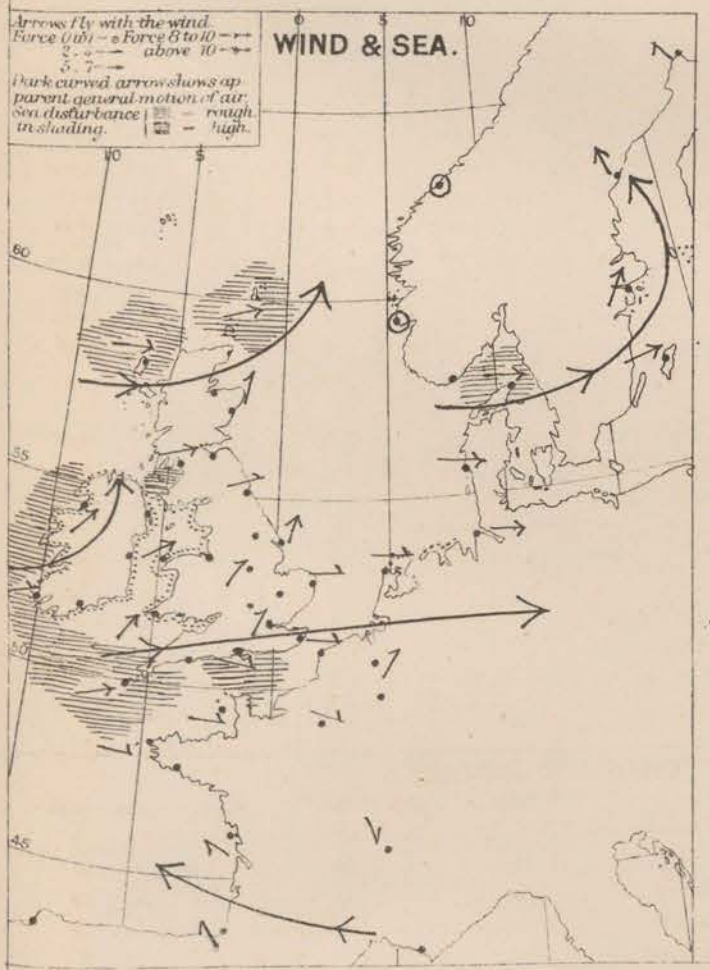
† The evening observations are taken 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Friday 3rd October 1879.*



A dotted line is drawn where the Boxes are overlapping.

**REMARKS.** Weather is fine in the extreme S.E. of England the N. of France, and E. of Scotland, but is cloudy or dull elsewhere with rain in the NW and moist in several places. Rain has fallen except in the E. of Scotland. Thunder has occurred at Valentia, and lightning at Hurst Castle and Dover. Temperature has fallen over the SE of England, and on the E^n shores of the North Sea, but risen elsewhere. Readings vary from 50° to 55° over our W^n and SW^n coasts, but are below 50° over the E. and N. of Great Britain. During yesterday the thermometer did not rise above 60° in any part of these Islands, while last night the thermometer fell to 37° at Aberdeen and Nottingham and to 39° in London. Wind is W^n over the Channel, the extreme N. of Scotland, and over Denmark and N. Germany, but on most of our coasts the wind is SW^n. In the NW it is backing. Sea is rough in the W. and N. slight in the E. and SE.

Barometrical Indications. The barometer has risen everywhere since yesterday morning, but while the rise still holds in most places, a rather brisk decrease has commenced in the NW. Over the whole of Scandinavia and Denmark the movement is falling. Readings are highest over France and lowest to the N^ward of Scotland, with a subsidiary depression over Norway.

Warnings. The Storm Cone has been hoisted in the W. and NW. this morning.

Subscription for these Charts payable in advance or over delivery. | Delivery by hand 10/ per quarter, post 5/ " "

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

# DAILY WEATHER REPORT Oct. 4th 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.94 | 49 | S | 4 | o | 29.76 | − .26 | 49 | 49 | 0 | E | 2 | r | * | 52 | 46 | 0.02 |
| Hernösand ... | 29.69 | 47 | S | 4 | b | 29.74 | − .12 | 46 | 45 | − 6 | SSW | 2 | o | * | 54 | 45 | 0.12 |
| Stockholm ... | 29.86 | 48 | SW | 4 | b | 29.76 | + .04 | 50 | 47 | − 4 | S | 4 | c | * | 57 | ? | — |
| Wisby ... ... | 29.88 | 53 | WNW | 5 | b | 29.82 | + .05 | 53 | 49 | − 4 | SSW | 8 | o | * | 59 | 50 | — |
| Christiansund... | 29.40 | 48 | ESE | 1 | c | 29.48 | − .05 | 47 | 44 | − 2 | E | 1 | b | 3 | 50 | 37 | 0.20 |
| Skudesnaes ... | 29.60 | 48 | SW | 7 | r | 29.56 | − .03 | 49 | 46 | + 2 | WNW | 6 | r | 5 | 52 | 46 | 0.16 |
| Oxö (Xtiansund) ... | 29.73 | 51 | SSW | 7 | c | 29.64 | + .04 | 47 | 45 | 0 | WSW | 5 | c | 4 | 52 | 43 | 0.83 |
| Skagen (The Skaw) | 29.82 | 50 | WSW | 7 | b | 29.63 | − .03 | 50 | 46 | 0 | NNW | 7 | c | 7 | 55 | ? | 0.39 |
| Fanö ... ... | 29.92 | 52 | W | 6 | c | 29.81 | − .02 | 55 | 52 | + 2 | W | 6 | cp | * | 55 | 50 | 0.20 |
| Cuxhaven ... | 30.14 | 54 | W | 6 | o | 29.95 | − .04 | 55 | 55 | + 4 | WSW | 7 | r | * | ? | 48 | 0.23 |
| Sumburgh Head | 29.43 | 48 | W | 6 | r | 29.78 | + .39 | 49 | 46 | + 3 | NNW | 6 | bc | 6 | 52 | 43 | 0.43 |
| Stornoway ... | 29.67 | 47 | WNW | 3 | o | 29.99 | + .49 | 47 | 47 | − 1 | W | 2 | c | 2 | 51 | 42 | 0.06 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.63 | 46 | W | 4 | b | 29.93 | + .42 | 49 | 47 | 0 | WNW | 5 | o | 2 | 55 | 43 | — |
| Nairn ... ... | 29.69 | 60 | WSW | 3 | o | 30.00 | + .40 | 46 | 44 | − 1 | NW | 2 | bc | 3 | 55 | 44 | 0.08 |
| Aberdeen ... | 29.69 | 52 | WSW | 1 | b | 29.99 | + .32 | 48 | 44 | + 1 | WNW | 3 | b | 1 | 56 | 39 | — |
| Leith ... ... | 29.74 | 50 | WNW | 3 | b | 30.04 | + .27 | 50 | 48 | + 3 | WNW | 2 | c | * | 55 | 46 | 0.03 |
| Shields ... ... | 29.80 | 57 | W | 4 | c | 30.07 | + .18 | 55 | 55 | + 8 | NNW | 3 | c | 2 | 57 | 46 | 0.07 |
| Spurn Head ... | 29.95 | ? | SSW | 5 | c | 30.07 | + .05 | 54 | 53 | + 6 | SW | 5 | r | 5 | 56 | ? | 0.02 |
| York ... ... | 29.92 | 54 | WSW | 4 | o | 30.09 | + .09 | 57 | 55 | + 11 | W | 3 | c | * | 57 | 44 | 0.03 |
| Nottingham ... | 30.04 | 55 | SW | 3 | r | 30.17 | + .10 | 56 | 54 | + 12 | W | 4 | c | * | 56 | 44 | 0.01 |
| Ardrossan ... | 29.81 | 52 | NW | 4 | o | 30.09 | + .29 | 51 | 50 | + 1 | N | 1 | cf | 0 | 56 | 48 | 0.15 |
| Mullaghmore ... | 29.90 | 54 | W | 7 | r | 30.15 | + .38 | 55 | 54 | + 5 | WSW | 5 | ozng | 4 | 55 | 49 | 0.55 |
| Donaghadee ... | 29.89 | 54 | WSW | 5 | r | 30.14 | + .26 | 54 | 53 | + 11 | W | 5 | c | 4 | 55 | 43 | 0.23 |
| Kingstown ... | 30.00 | 58 | W | 6 | bc | 30.20 | + .24 | 56 | 53 | + 7 | W | 4 | c | 4 | 61 | 49 | 0.01 |
| Holyhead ... | 30.00 | 56 | WSW | 4 | o | 30.20 | + .21 | 55 | 54 | + 4 | W | 2 | o | 2 | 57 | 50 | 0.23 |
| Liverpool (Bidston) | 29.97 | 57 | WSW | 7 | o | 30.17 | + .16 | 55 | 54 | + 6 | W | 5 | o | 4 | 58 | 49 | 0.08 |
| Valentia ... ... | 30.16 | 56 | WSW | 4 | o | 30.24 | + .19 | 54 | 53 | − 1 | SSE | 2 | bc | 2 | 60 | 51 | — |
| Roche's Point... | 30.13 | 55 | W | 4 | c | 30.25 | + .19 | 57 | 57 | − 4 | W | 2 | f | 3 | 60 | 50 | — |
| Pembroke ... | 30.13 | 57 | WSW | 5 | bc | 30.26 | + .17 | 56 | 54 | + 2 | W | 1 | b | 3 | 57 | 53 | 0.02 |
| Scilly ... ... | 30.26 | 55 | WSW | 4 | c | 30.30 | + .09 | 57 | 57 | + 1 | W | 0 | bw | 4 | 62 | 51 | 0.02 |
| Prawle Point ... | 30.26 | 55 | SW | 5 | bc | 30.30 | + .09 | 55 | 54 | + 2 | WNW | 2 | b | 2 | 58 | 50 | — |
| Hurst Castle ... | 30.23 | 56 | W | 5 | bc | 30.29 | + .09 | 55 | 54 | + 3 | WNW | 3 | b | 4 | 59 | ? 52 | — |
| Dover ... ... | 30.22 | 55 | WSW | 5 | bc | 30.24 | + .05 | 53 | 52 | + 6 | W | 4 | b | 3 | 58 | 47 | — |
| London ... ... | 30.16 | 55 | WSW | 3 | c | 30.23 | + .06 | 56 | 53 | + 7 | W | 3 | b | * | 61 | 49 | — |
| Oxford ... ... | 30.16 | 54 | SW | 3 | bc | 30.24 | + .07 | 54 | 53 | + 7 | W | 1 | o | * | 57 | 46 | 0.01 |
| Cambridge ... | 30.11 | 55 | SW | 2 | c | 30.18 | + .05 | 54 | 52 | + 8 | W | 1 | o | * | 57 | 44 | — |
| Yarmouth ... | 30.07 | 54 | SW | 4 | bc | 30.13 | + .03 | 53 | 50 | + 7 | W | 4 | o | 2 | 55 | 44 | 0.01 |
| The Helder ... | * | * | * | * | * | 30.04 | .00 | 56 | 54 | + 3 | WSW | 4 | r | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.33 | 60 | WNW | 2 | b | 30.37 | + .08 | 56 | 54 | + 2 | W | 2 | bmw | 1 | 60 | 51 | — |
| Brest ... ... | 30.30 | 55 | WSW | 3 | b | 30.33 | + .06 | 49 | 48 | − 6 | E | 3 | b | 3 | 61 | 46 | — |
| Lorient ... ... | ? | 56 | W | 3 | bc | ? | ? | 51 | 50 | − 3 | E | 4 | m | 2 | 61 | ? | — |
| Rochefort ... | 30.33 | 58 | NE | 4 | bc | 30.31 | + .01 | 53 | 51 | − 5 | ENE | 7 | bc | 2 | 68 | 52 | — |
| Biarritz ... ... | 30.25 | 64 | E | 4 | c | 30.20 | − .08 | 52 | 50 | − 5 | E | 3 | bc | 4 | 68 | 48 | — |
| Cornnna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.26 | + .06 | 51 | 49 | + 3 | SW | 5 | o | * | 58 | 47 | — |
| Charleville ... | ? | 53 | WSW | 1 | b | ? | ? | 37 | 36 | − 7 | S | 1 | bc | * | 66 | ? | — |
| Paris ... ... | 30.32 | 55 | NNW | 1 | bc | 30.36 | + .02 | 50 | 48 | − 5 | E | 0 | b | * | * | * | — |
| Lyons ... ... | | | | | | | | | | | | | | * | | | |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.61 | 52 | 51 | WSW | 7 | r | 5 | Valentia ... | 30.11 | 60 | 57 | WSW | 6 | cmq | 6 |
| Sumburgh Head | 29.40 | 50 | 47 | W | 6 | bc | 2 | Scilly ... ... | 30.25 | 61 | 59 | WSW | 5 | bc | 5 |
| Stornoway ... | 29.60 | 50 | ? | WNW | 3 | c | 3 | Dover ... ... | 30.21 | 57 | 52 | WSW | 4 | bc | 3 |
| Aberdeen ... | 29.66 | 54 | 50 | SSW | 2 | b | 2 | London | 30.18 | 59 | 52 | SW | 5 | c | * |
| Shields ... ... | 29.82 | 55 | 52 | SW | 5 | o | 2 | Yarmouth ... | 30.11 | 55 | 49 | WSW | 4 | bc | 2 |
| Ardrossan ... | 29.71 | 54 | 53 | SSW | 7 | pq | 6 | Jersey... ... | 30.33 | 59 | 53 | W | 3 | b | 3 |
| Mullaghmore ... | 29.85 | 54 | 54 | WSW | 7 | rm | 6 | Rochefort ... | 30.32 | 66 | 59 | E | 0 | c | 0 |
| Holyhead... ... | 29.96 | 55 | 54 | SW | 5 | r | 4 | | | | | | | | |

Pressure is decreasing in the NW. and NE., increasing elsewhere. Gradients are rather steep, and the wind which is W. to SW. is fresh in force.

### EXPLANATION OF COLUMNS.

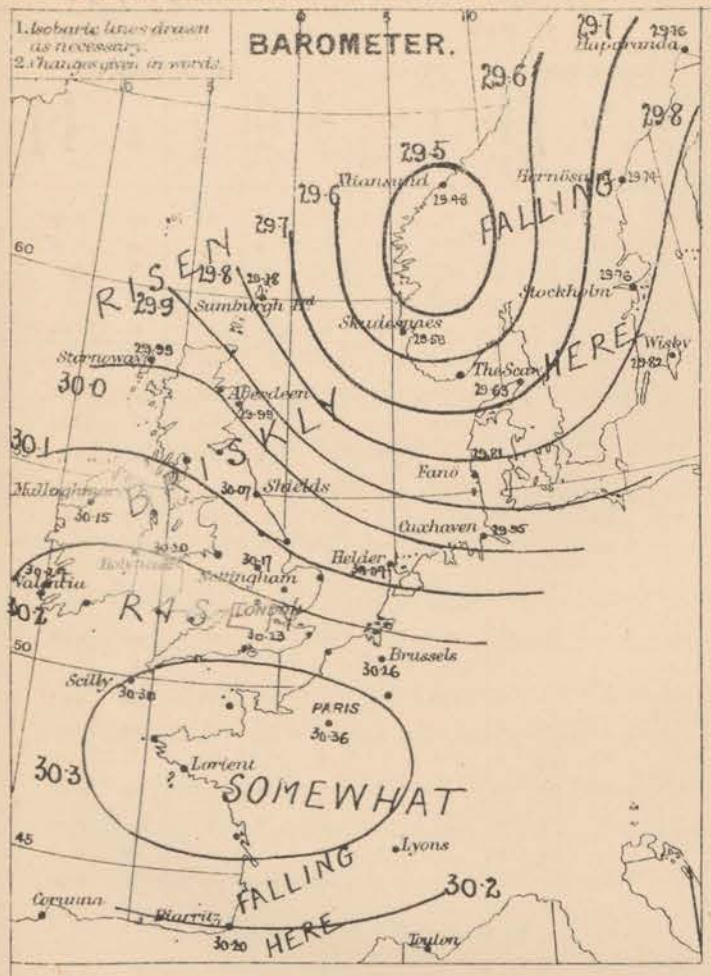
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

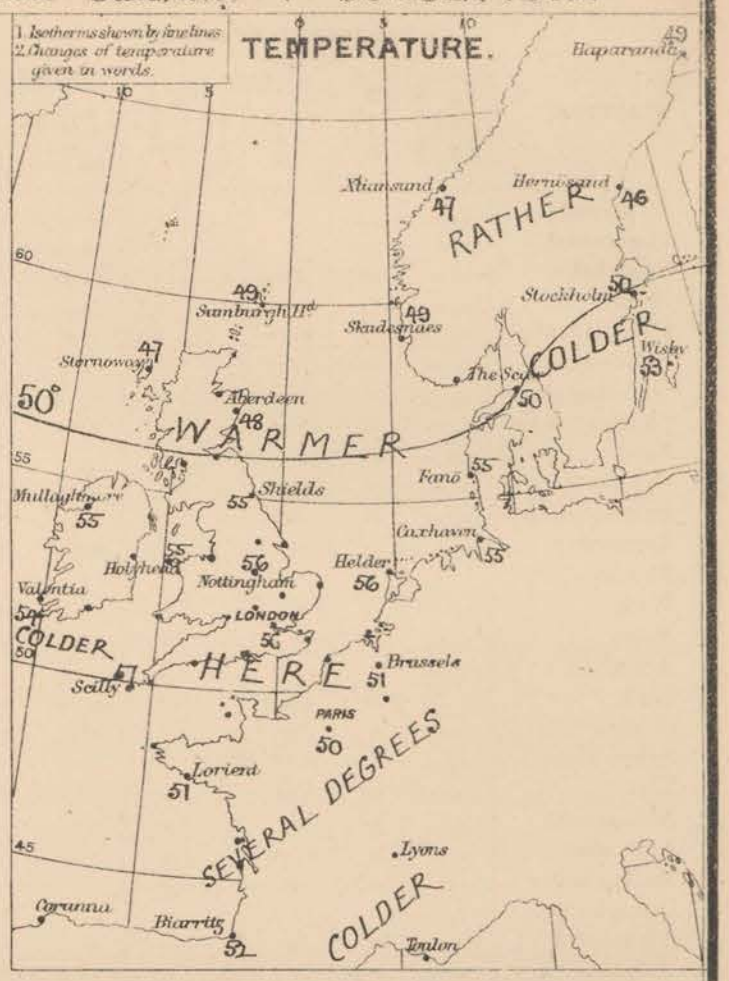
* AN ASTERISK is inserted in all places for which information is not usually received.

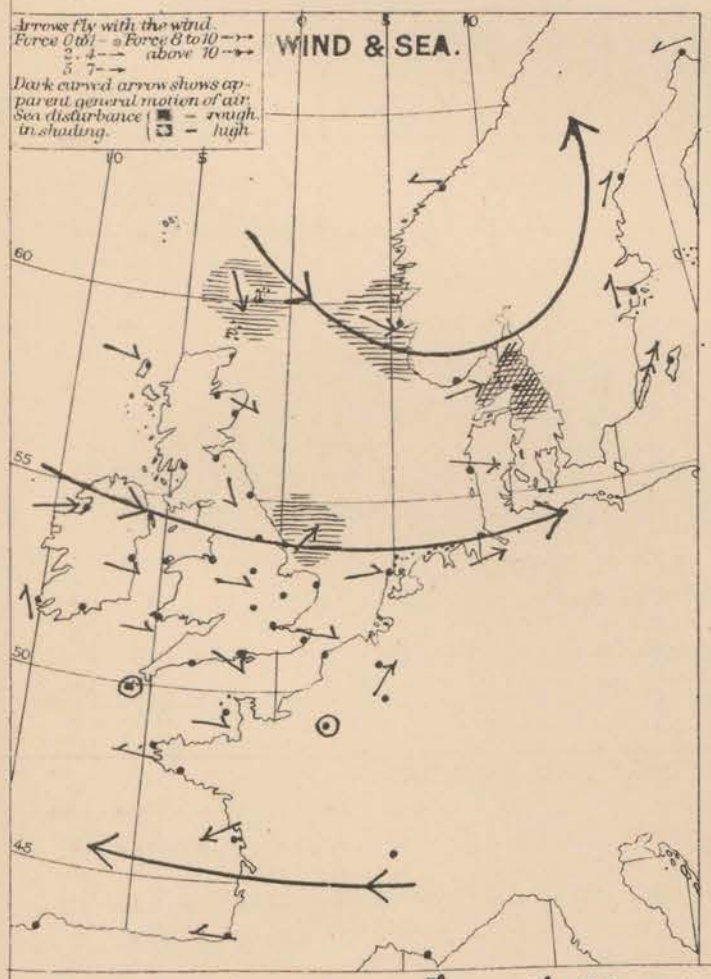
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

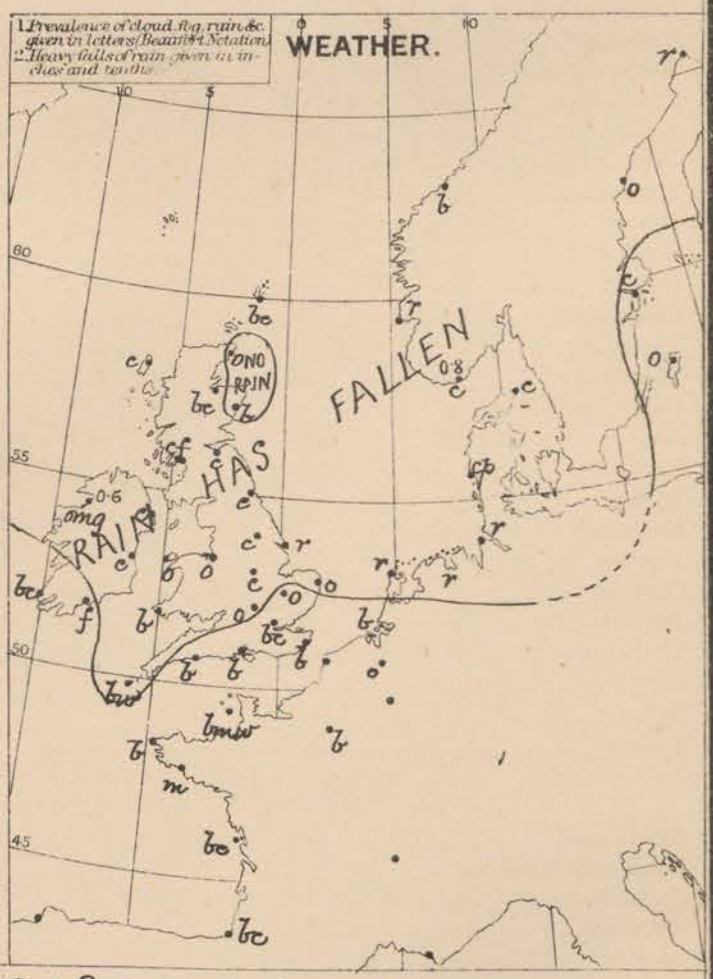
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Saturday 4th October 1879.*




**REMARKS.** Weather is fine over France, the Channel and S. of England and locally clear at Aberdeen and Christiansund, but elsewhere the sky is more or less cloudy. Rain is falling at Spurn Head as well as over Holland, N. Germany and at Skudesnaes. Fog or mist is reported from a few places. Slight rain has fallen except in the S. and SW. Temperature has fallen a little in the S. of Ireland and W. of Scotland, rises in all other parts of these Islands, the change being considerable over Central England. Readings vary from 46° in the N. to 56° in the S. Wind is W^ly on most of our coasts and over the North Sea, but is E^ly over S^rn France, while at Valentia a SE^ly breeze has sprung up. In the NW. and N the wind blows freshly. Sea is moderate to smooth except in the extreme N. Barometrical Indications. Pressure is giving way over the S. of France, and nearly the whole of Scandinavia, but is increasing elsewhere. A large anticyclone lies over France, while a depression is shown near Kitzingen. Warnings. The South Cone has been lowered in the W. this morning.


Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter. " book post 5/- " " .

Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 2a Bedford St. Covent Garden

# SUMMARY OF WEATHER IN WESTERN EUROPE

*from* SEPTEMBER 28TH *to* OCTOBER 4TH 1879.

*(Issued Weekly as a Supplement to the "Daily Weather Report.")*

During nearly the whole of this week both pressure and weather have been very unsettled. On Sunday depressions passed across us from W. to E. occasioning fresh S. winds and rainy or dull weather. On Monday the barometer was rising, conditions were generally quieter and the weather fair, but on Tuesday a fall set in at Valentia, which spread over the whole of these Islands and continued briskly throughout the whole of that day and the morning of Wednesday, and occasioned S. to SE. winds over the whole of the country – strong in force generally and reaching a gale in E. Scotland. During this period of barometric depression rain fell in all places. On Wednesday evening the barometer was rising and the weather fine, but on Thursday further slight depressions passed across, causing showers & unsettled weather in many parts. On Friday the sky was clear over France and the SE of England, while elsewhere the weather was cloudy; moderate to fresh W. breeze prevailed all over the country and the barometer was rising briskly, except in the N. of Ireland. Here a rather brisk fall had set in, but the depression which occasioned it proved to be of very slight importance, the barometer consequently continued to rise generally, a large anticyclone was formed over France and over S. stations, while the weather became fine and settled with light SW. to W. winds.

SUNDAY SEPT 28TH

Weather very unsettled and dull over the whole of W. Europe, rain falling in the N. and W. and thunder reported from Stornoway. Rain at all stations during the day.

Temperature fallen a little in the extreme W., risen elsewhere, rapidly in the NE. Readings ranging from 47° in the N. to 59° in the SW. Maxima between 55° and 65°.

Wind NW. on the west coast of Ireland, SW. generally, moderate to fresh in force in most places, but blowing a slight gale in the Irish Sea and a fresh gale at Scilly. NW. wind extending E.wds later.

Sea rough at some W. stations, moderate to slight elsewhere.

Barometer falling everywhere, large depression lying to the N.wd of Scotland, with small subsidiary disturbances over the N. and central parts of Ireland. Depressions subsequently moving SE.wd and barometer rising.

MONDAY SEPT 29TH

Weather very fine over nearly the whole of these Islands, but cloudy or dull on our extreme SE. coasts and over the Continent generally. Rain falling in the NW. and SE. later.

Temperature considerably lower over these Islands than on the 28th, but higher on the Continent. Readings varying from 51° in the Shetlands and 55° in the S. to 40° at York. Maxima between 55° and 65°.

Wind W. on our W. and NW. coasts, but N. over England and the Channel. Moderate or light generally, but fresh in the NW. and at Scilly. Little change later.

Sea moderate to smooth except off West Coasts.

Barometer still falling on our SE. coast and on the Continent, but rising elsewhere. Pressure highest in the S., lowest in the N., but small subsidiary disturbances over Channel. Barometer rising all day and readings uniform.

TUESDAY SEPT 30TH

Weather dull over the W. and N. of France, the SW. of England and S. of Ireland, fine elsewhere. Rain falling subsequently over nearly the whole country.

Temperature risen over Scotland, our SE. coast and over France and the Netherlands, fallen elsewhere. Readings low Central England, ranging from 35° at York to 52° at Kew and 57° at Dover. Maxima between 55° and 65°.

Wind E. over England, S. over Ireland and Scotland. Light or moderate in force in most places, but freshening at Mullaghmore and Stornoway. Wind veering later, and S. breeze reported from most coast.

Sea high at Mullaghmore and rough at Scilly, moderate to smooth elsewhere.

Barometer falling somewhat in the S. and SW., rising elsewhere. Decrease of pressure becoming general later, and brisk in the SW., Readings highest on the E. shores of the North Sea, lowest off our NW. coast.

## WEDNESDAY Oct 1st

Weather fair in the S. and E. of Ireland, cloudy or dull in nearly all other places with rain over Central and SE England. Weather improving later and ally nearly clear in evening.

Temperature risen everywhere – rapidly, over Central England. Readings uniform ranging from 52° in the N. and NW. to 59° in the SE. Maxima again between 55° and 65° generally.

Winds Wly over the S. of Ireland and W half of the Channel, Sly to SEly over the E. of England and Sly in Scotland. Fresh to strong generally, and blowing a gale at Aberdeen and Sumburgh Head. Winds veering to N later.

Sea high at Stornoway, rough in the N. NE and S.

Barometer falling briskly everywhere, change amounting to 0·5in. over Scotland and E of England. Large depression lying off the NW. coast of Scotland, and small subsidiary disturbance over England. Both travelling NEwds later.

## THURSDAY Oct 2nd

Weather fine at most of our E and N stations, as well as in E. Ireland, more or less cloudy elsewhere. Rain falling at a few stations and hail at Valentia. Weather fair in evening.

Temperature fallen several degrees over these Islands and France, risen over Norway and Denmark. Readings uniform ranging from 42° at Nairn to 56° at Hurst Castle. Maxima nowhere above 60° within the British Isles.

Winds Wly in the SW, SWly to Sly elsewhere. Fresh in force in the SW., W. and N. Veering somewhat later and generally Wly in direction.

Sea high at Stornoway, rough in the W. and SW.

Barometer falling at our NW stations, as well as over the whole of Scandinavia, rising elsewhere. Readings highest over France and lowest to the NWwds of Scotland, but small disturbances shown over Central England and S. of Norway.

## FRIDAY Oct 3rd

Weather fine in the S. and SE of England and E. of Scotland, dull elsewhere with rain in the NW. and in the Shetlands. Weather fair in the SE and NE. all day, but slight rain falling elsewhere.

Temperature risen in the W. and N., fallen in nearly all other places. Readings ranging from 47° in the NE. to 56° in the SW. Maxima low exceeding 60° only at Kingston, Scilly, and in London.

Winds Ely in the SW. of France, but Wly to SWly over these Islands and the North Sea and Sly in Sweden. Moderate generally but strong in the extreme N. No change during the day.

Sea rough SW. W. and N.

Barometer still falling over Scandinavia, rising in all parts of these Islands and France except our NW coast, where a rather heavy fall had commenced. This fall was not very important and in the evening the barometer was rising except in the E.

## SATURDAY Oct 4th

Weather fine over France and our more S stations as well as in E. Scotland, dull elsewhere. Rain falling at Spurn Head and over North Germany. The only rainfall reported was at Valentia.

Temperature higher over Great Britain, lower in the SW. of Ireland and on the Continent generally. Readings ranging from 47° in the Hebrides to 57° at Scilly. Maxima between 55° and 65°.

Winds Ely over France, Sly at Valentia, and Wly at all our other stations and over the North Sea. Moderate to fresh in force. During the day the Sly wind extended to Scilly and Mullaghmore and increased to a strong breeze at Valentia.

Sea moderate to slight round our coasts, except at Sumburgh Head and Spurn Head.

Barometer falling over the W. of France and over Scandinavia, rising over these Islands. Large anticyclone over France and over S stations, depression near Christiansund. Barometer falling in SW. later.

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*Meteorological Office,*
116, *Victoria Street, Westminster, S.W.,*
ROBERT H. SCOTT, Secretary.

# DAILY WEATHER REPORT 5th October 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | * Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.81 | 46 | ? | 2 | c | 29.82 | + .06 | 40 | 40 | − 9 | NE | 2 | o | * | 50 | 47 | 0.34 |
| Hernösand ... | 29.58 | 48 | E | 4 | r | 29.64 | − .10 | 45 | 44 | − 1 | NW | 6 | r | * | 52 | 41 | 1.14 |
| Stockholm ... | 29.52 | 44 | SW | 6 | r | 29.63 | − .12 | 45 | 43 | − 5 | WNW | 4 | o | * | 54 | 45 | 0.28 |
| Wisby ... ... | 29.75 | 51 | WNW | 8 | b | 29.71 | − .11 | 49 | 46 | − 4 | WNW | 5 | o | * | 55 | 43 | 0.43 |
| Christiansund ... | 29.77 | 49 | NNE | 2 | b | 29.96 | + .48 | 49 | 46 | + 2 | SW | 3 | c | 3 | 52 | 37 | — |
| Skudesnaes ... | 29.87 | 50 | WNW | 9 | r | 30.05 | + .52 | 52 | 50 | + 3 | WNW | 4 | o | 3 | ? | 48 | 0.08 |
| Oxö (Christiansund) ... | 29.78 | 52 | W | 6 | b | 30.03 | + .39 | 49 | 46 | + 2 | W | 2 | b | 2 | 54 | 46 | — |
| Skagen (The Skaw) | 29.75 | 52 | WNW | 7 | bc | 29.98 | + .35 | 53 | 46 | + 3 | NNW | 4 | c | 4 | 55 | ? | — |
| Fanö ... ... | 30.05 | 53 | WNW | 6 | c | 30.16 | + .35 | 53 | 49 | − 2 | WNW | 6 | c | * | 55 | 50 | — |
| Cuxhaven ... | 30.15 | 55 | NW | 5 | bc | 30.26 | + .31 | 55 | 52 | 0 | NNW | 5 | b | * | 55 | 52 | 0.26 |
| Sumburgh Head | 29.98 | 48 | NW | 5 | c | 30.11 | + .33 | 49 | 49 | 0 | W | 4 | r | 4 | 52 | 46 | 0.02 |
| Stornoway ... | 30.06 | 52 | W | 2 | o | 30.14 | + .15 | 47 | 46 | 0 | W | 1 | ow | 2 | 53 | 32 | 0.01 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.09 | 50 | NW | 1 | o | 30.19 | + .26 | 55 | 51 | + 6 | NW | 1 | bc | 0 | 55 | 47? | — |
| Nairn ... ... | 30.11 | 54 | W | 1 | bc | 30.20 | + .20 | 48 | 46 | + 2 | WSW | 1 | bc | 1 | 54 | — | — |
| Aberdeen ... | 30.11 | 51 | S | 1 | bc | 30.21 | + .22 | 51 | 49 | + 3 | ? | 0 | m | 0 | 61 | 47 | — |
| Leith ... ... | 30.13 | 56 | WSW | 3 | bc | 30.21 | + .17 | 53 | 51 | + 3 | W | 1 | o | * | 62 | 49 | — |
| Shields ... ... | 30.16 | 58 | WNW | 4 | o | 30.25 | + .18 | 47 | 47 | − 8 | WNW | 2 | bm | 2 | 58 | 42 | — |
| Spurn Head ... | 30.20 | 50 | WSW | 2 | c | 30.27 | + .20 | 52 | 50 | − 2 | SE | 1 | o | 2 | 57 | 49 | — |
| York ... ... | 30.20 | 56 | W | 2 | c | 30.29 | + .20 | 48 | 47 | − 9 | S | 1 | m | * | 64 | 45 | — |
| Nottingham ... | 30.22 | 55 | ? | 0 | b | 30.30 | + .13 | 52 | 53 | − 3 | ? | 0 | c | * | 63 | 46 | — |
| Ardrossan ... | 30.15 | 60 | ? | 0 | o | 30.20 | + .11 | 52 | 51 | + 1 | ESE | 1 | of | 0 | 56 | 50 | — |
| Mullaghmore ... | 30.17 | 54 | E | 2 | b | 30.12 | − .03 | 52 | 49 | − 3 | SE | 5 | bc | 3 | 59 | 50 | — |
| Donaghadee ... | 30.21 | 55 | W | 3 | b | 30.23 | + .09 | 52 | 52 | − 2 | S | 1 | b | 0 | 58 | 47 | — |
| Kingstown ... | 30.23 | 56 | SSE | 3 | o | 30.21 | + .01 | 55 | 53 | − 1 | SSE | 4 | bc | 4 | 62 | 49 | — |
| Holyhead ... | 30.23 | 56 | SW | 1 | o | 30.22 | + .02 | 55 | 49 | 0 | SE | 1 | bw | 1 | 60 | 48 | — |
| Liverpool (Bidston) | 30.24 | 55 | SW | 1 | o | 30.26 | + .09 | 48 | 48 | − 7 | ESE | 1 | m | 1 | 58 | 46 | — |
| Valentia ... ... | 30.08 | 55 | SE | 5 | c | 29.97 | − .27 | 56 | 54 | + 2 | SE | 8 | o | 7 | 59 | 54 | 0.32 |
| Roche's Point ... | 30.21 | 51 | SSE | 4 | c | 30.07 | − .18 | 56 | 55 | + 5 | SSE | 5 | ow | 4 | 59 | 51 | — |
| Pembroke ... | 30.26 | 51 | ? | ? | r | 30.19 | − .07 | 55 | 54 | − 1 | SE | 4 | b | 3 | 55 | 51 | — |
| Scilly ... ... | 30.25 | 56 | SSE | 4 | b | 30.10 | − .20 | 58 | 55 | + 1 | SE | 6 | ow | 4 | 61 | 55 | — |
| Prawle Point ... | 30.28 | 54 | SSW | 1 | b | 30.31 | − .09 | 57 | 56 | + 2 | ESE | 4 | m | 4 | 63 | 51 | — |
| Hurst Castle ... | 30.25 | 57 | W | 3 | b | 30.26 | − .03 | 55 | 55 | 0 | SE | 2 | bw | 2 | 62 | 49 | — |
| Dover ... ... | 30.26 | 60 | ? | 0 | c | 30.30 | + .06 | 58 | 57 | + 5 | SW | 1 | bc | 0 | 61 | 53 | — |
| London ... ... | 30.27 | 55 | W | 1 | bc | 30.22 | − .01 | 54 | 51 | − 2 | E | 1 | c | * | 67 | 48 | — |
| Oxford ... ... | 30.28 | 56 | W | 2 | o | 30.28 | + .04 | 52 | 52 | − 2 | W | 1 | om | * | 65 | 48 | — |
| Cambridge ... | 30.24 | 57 | W | 1 | o | 30.29 | + .11 | 55 | 54 | + 1 | NW | 1 | o | * | 62 | 53 | — |
| Yarmouth ... | 30.23 | 58 | ? | 0 | c | 30.30 | + .17 | 54 | 53 | + 1 | ? | 0 | cf | | 62 | 51 | |
| The Helder ... | * | * | * | * | * | 30.30 | + .26 | 55 | 54 | − 1 | W | 1 | bc | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.31 | 54 | ? | 0 | b | 30.24 | − .13 | 57 | 54 | + 1 | ESE | 3 | bm | 3 | 62 | 52 | — |
| Brest ... ... | | | | | | | | | | | | | | | | | |
| Lorient ... ... | ? | 59 | ? | 0 | b | ? | ? | 51 | 49 | 0 | SE | 5 | bc | 2 | 63 | 48 | — |
| Rochefort ... | 30.22 | 67 | ENE | 5 | bc | 30.14 | − .17 | 50 | 49 | − 3 | E | 5 | b | 2 | 70 | 45 | — |
| Biarritz ... ... | 30.14 | 64 | ENE | 3 | c | 30.12 | − .08 | 59 | 57 | + 7 | SSW | 3 | m | 2 | 72 | 50 | — |
| Corunna ... ... | * | * | * | * | * | 30.24 | + .01 | 59 | * | − 18 | NE | ? | c | 2 | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.32 | + .06 | 51 | 50 | 0 | ? | 0 | f | * | 61 | 50 | — |
| Charleville ... | ? | 52 | W | 1 | o | ? | ? | 54 | 49 | + 17 | E | 3 | c | * | 66 | 37 | — |
| Paris ... ... | 30.30 | 56 | NE | 1 | o | 30.30 | − .06 | 51 | 49 | + 1 | ? | 0 | b | * | * | * | — |
| Lyons ... ... | 30.26 | 50 | NNE | 1 | b | 30.26 | − .07 | 48 | 47 | − 4 | NE | 1 | b | * | 63 | 51 | — |
| Toulon ... ... | 30.16 | 66 | SW | 4 | b | 30.18 | + .01 | 65 | 63 | − 3 | ? | 0 | bc | 1 | 73 | 61 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.79 | 50 | 48 | WNW | 5 | r | 4 |
| Sumburgh Head | 29.92 | 50 | 47 | NNW | 5 | bc | 5 |
| Stornoway ... | 30.03 | 52 | 52 | W | 2 | o | 2 |
| Aberdeen ... | 30.07 | 55 | 50 | S | 1 | b | 1 |
| Shields ... ... | 30.13 | 55 | 52 | SE | 1 | c | 2 |
| Ardrossan ... | 30.15 | 55 | 54 | WNW | 1 | om | 1 |
| Mullaghmore ... | 30.18 | 57 | 55 | W | 4 | b | 3 |
| Holyhead ... ... | 30.22 | 58 | 55 | WSW | 2 | c | 2 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 30.19 | 58 | 54 | SSW | 5 | bc | 5 |
| Scilly ... ... | 30.28 | 60 | 57 | SE | 2 | b | 3 |
| Dover ... ... | 30.25 | 60 | 57 | W | 3 | b | 3 |
| London ... | 30.25 | 65 | 59 | WSW | 3 | bc | 4 |
| Yarmouth ... | 30.20 | 62 | 58 | WNW | 2 | bc | 2 |
| Jersey ... ... | 30.24 | 61 | 57 | ? | 0 | bm | 0 |
| Rochefort ... | 30.25 | 69 | 59 | ENE | 5 | b | 2 |

Pressure is decreasing over France and our SW coasts, increasing elsewhere. At Valentia a fresh SSW breeze is reported, but light W. winds or variable airs prevail on our other coasts. Temperature has risen fast in the SE.

### EXPLANATION OF COLUMNS.

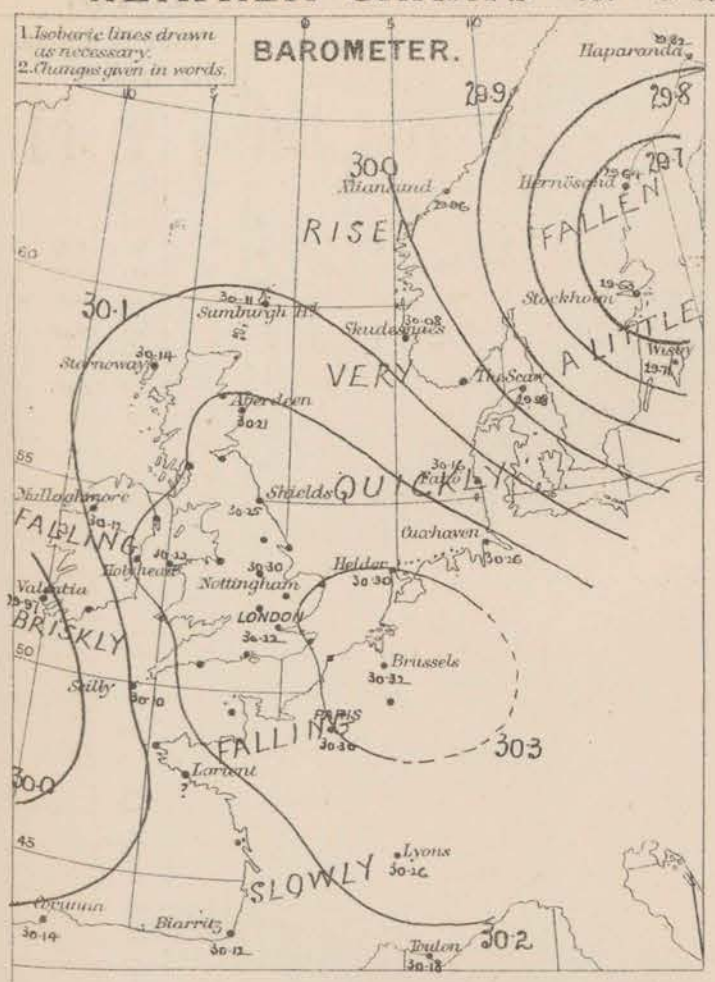
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

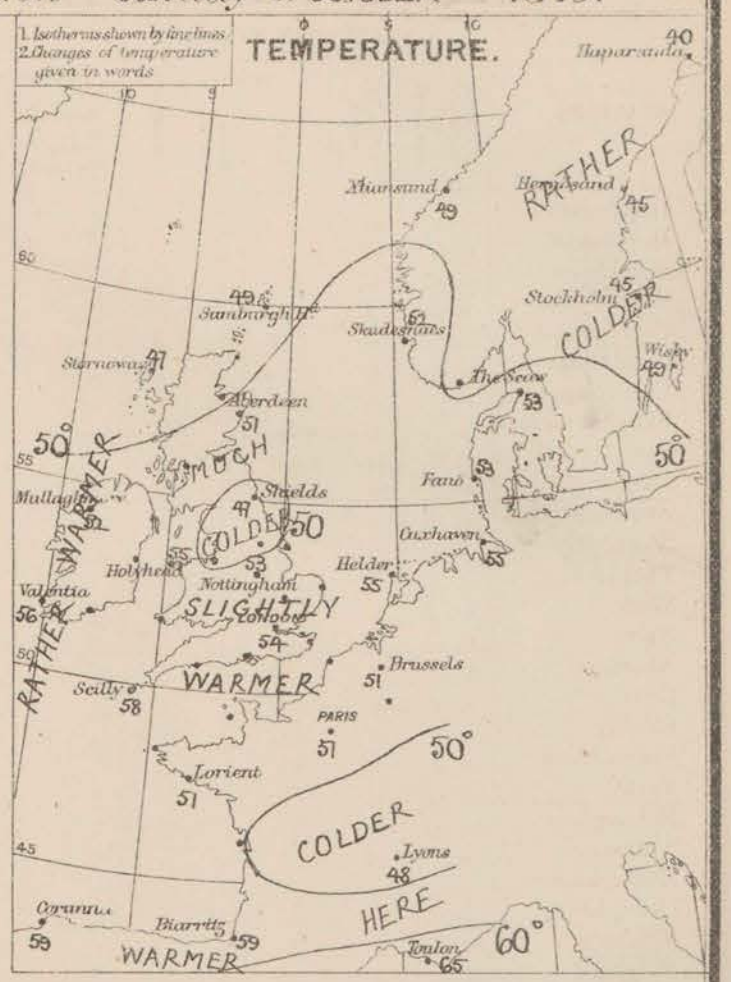
* AN ASTERISK is inserted in all places for which information is not usually received.

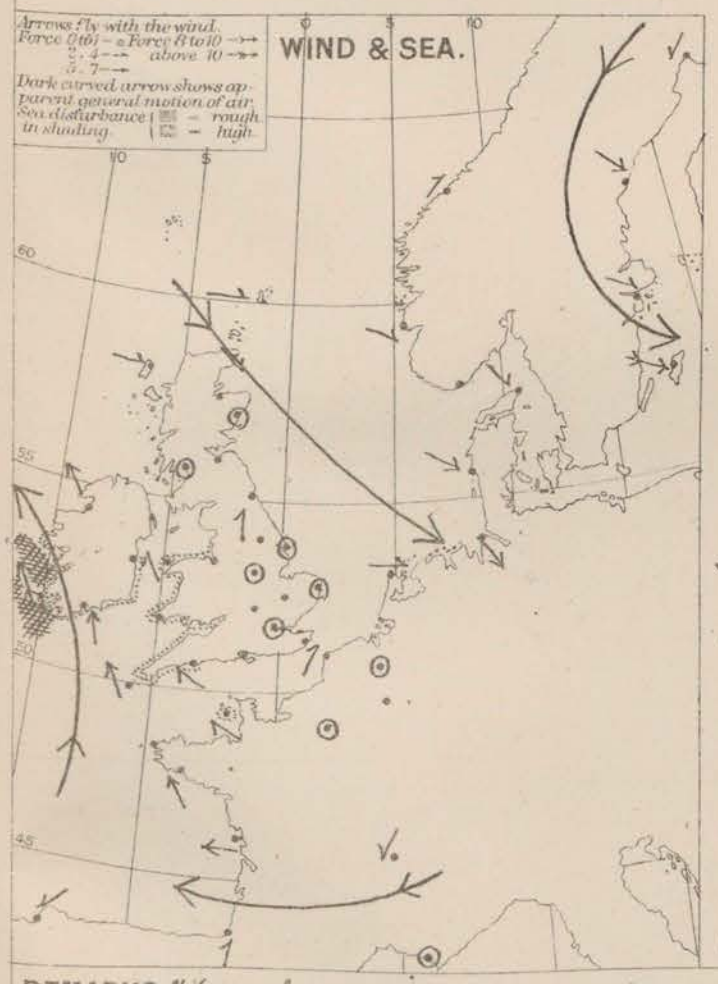
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

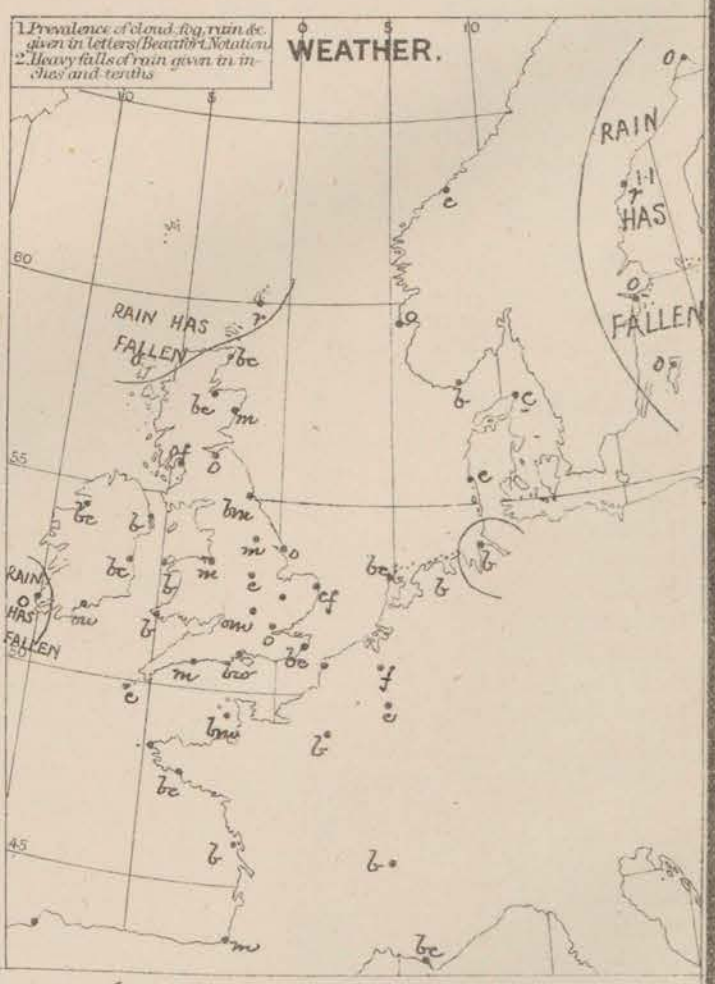
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Sunday 5. OCTOBER 1879.*




**REMARKS.** Weather this morning varies considerably. It is fine over Wales the E. of Ireland the NE. of England, and the upper part of the Channel, dull elsewhere. A good deal of mist is reported from our inland and E. stations.

Temperature has fallen fast over the N. of England, but elsewhere the changes though slight are upwards. At present readings vary from 47° in the Hebrides to 58° at Dover. The maxima yesterday were rather above 60° in most parts of the country except Ire. and and the W. of Scotland. Wind is W. at all our and N. stations, and is very light in force, but in the SW. and S. it is SE. At Valentia it reaches the force of a fresh gale, and at Scilly it blows strongly. Sea is high at Valentia, moderate to slight elsewhere.

Barometrical Indications. Pressure is increasing briskly in the N. and E. of these Islands, and on the E. shores of the North Sea, but is decreasing on our SW. coasts.

Warnings. The South Coast has been visited on our SW. coasts.


Subscription for these Charts payable in advance to cover delivery | Delivery by hand 10/- per quarter; book post 6/- " "

Meteorological Office, 116, Victoria Street, Westminster S.W.

R. H. SCOTT. Secretary.

DANDE FIELD LITH. 22 BEDFORD ST COVENT GARDEN

# DAILY WEATHER REPORT 6th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.82 | 43 | N | 2 | r | 29.76 | − .04 | 43 | 43 | + 3 | N | 2 | o | * | 45 | 37 | 0.20 |
| Hernösand ... | 29.90 | 43 | NW | 2 | b | 29.85 | + .21 | 44 | 42 | − 1 | C | o | c | * | 45 | 43 | 0.16 |
| Stockholm ... | 29.87 | 44 | WNW | 2 | b | 29.94 | + .31 | 45 | 42 | o | WNW | 2 | c | * | 46 | 43 | 0.08 |
| Wisby ... ... | 29.84 | 52 | NW | 8 | bc | 29.94 | + .23 | 49 | 46 | o | NW | 8 | b | * | 54 | 41 | — |
| Christiansund... | 29.81 | 50 | W | 5 | r | 29.97 | + .01 | 49 | 49 | o | NW | 6 | r | 5 | 52 | 37 | 1.10 |
| Skudesnaes ... | 30.19 | 52 | WNW | 2 | o | 30.23 | + .15 | 54 | 51 | + 2 | WNW | 6 | o | 3 | ? | ? | — |
| Oxö (Christiansund) ... | 30.17 | 53 | W | 4 | b | 30.16 | + .13 | 52 | 48 | + 3 | WSW | 4 | bc | 2 | 59 | 45 | — |
| Skagen (The Skaw) | 30.10 | 53 | NNW | 3 | b | 30.11 | + .13 | 53 | 50 | o | NW | 5 | c | 5 | 57 | ? | — |
| Fanö ... ... | 30.26 | 53 | WNW | 4 | o | 30.27 | + .11 | 54 | 53 | + 1 | NW | 3 | o | * | 57 | 50 | — |
| Cuxhaven ... | 30.34 | 54 | W | 1 | c | 30.38 | + .12 | 57 | 56 | + 2 | NW | 1 | o | * | ? | 50 | — |
| Sumburgh Head | 30.18 | 51 | WSW | 4 | o | 30.23 | + .12 | 50 | 50 | + 2 | W | 4 | o | 3 | 53 | 48 | — |
| Stornoway ... | 30.22 | 52 | WSW | 2 | bc | 30.16 | + .12 | 52 | 51 | + 5 | W | 2 | bc | 2 | 55 | 40 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.25 | 50 | W | 1 | b | 30.28 | + .09 | 51 | 50 | − 4 | S | 1 | c | 0 | 61 | 42 | — |
| Nairn ... ... | 30.24 | 52 | C | 0 | b | 30.32 | + .12 | 46 | 44 | − 2 | W | 1 | b | 0 | 61 | 40 | — |
| Aberdeen ... | 30.24 | 53 | C | 0 | o | 30.32 | + .11 | 43 | 42 | − 8 | SW | 1 | bc | 0 | 60 | 40 | — |
| Leith ... ... | 30.27 | 53 | W | 1 | bc | 30.35 | + .14 | 41 | 41 | − 12 | W | 1 | bom | * | 60 | 37 | — |
| Shields ... ... | 30.30 | 54 | E | 1 | o | 30.38 | + .13 | 45 | 45 | − 2 | WNW | 1 | b | 1 | 63 | 36 | — |
| Spurn Head ... | 30.31 | 50 | SE | 2 | r | 30.38 | + .11 | 54 | 53 | + 2 | SSE | 1 | ovm | 1 | 56 | ? | — |
| York ... ... | 30.29 | 54 | SSE | 1 | b | 30.39 | + .10 | 48 | 45 | o | S | 1 | m | * | 65 | 44 | — |
| Nottingham ... | 30.31 | 58 | S | 1 | b | 30.40 | + .10 | 52 | 51 | − 1 | S | 1 | ow | * | 68 | 48 | — |
| Ardrossan ... | 30.28 | 53 | C | o | o | 30.35 | + .15 | 46 | 45 | − 6 | C | o | f | o | 60 | 40 | — |
| Mullaghmore ... | 30.19 | 57 | ESE | 2 | b | 30.29 | + .17 | 50 | 49 | − 2 | ENE | 4 | b | 3 | 61 | 48 | — |
| Donaghadee ... | 30.27 | 53 | S | 2 | b | 30.37 | + .14 | 52 | 52 | o | SE | 1 | m | o | 57 | 43 | — |
| Kingstown ... | 30.25 | 55 | SE | 1 | b | 30.34 | + .13 | 45 | 48 | − 7 | S | 1 | ofw | 1 | 61 | 46 | 0.01 |
| Holyhead ... | 30.24 | 56 | ENE | 2 | b | 30.33 | + .11 | 51 | 50 | − 4 | C | o | bw | o | 62 | 49 | 0.01 |
| Liverpool (Bidston) | 30.27 | 56 | SE | 1 | b | 30.36 | + .10 | 49 | 49 | + 1 | SE | 2 | m | 1 | 61 | 45 | — |
| Valentia ... ... | 30.11 | 58 | ESE | 3 | c | 30.25 | + .28 | 52 | 50 | − 4 | ENE | 1 | bm | 1 | 62 | 46 | — |
| Roche's Point ... | 30.16 | 58 | SE | 5 | bc | 30.25 | + .18 | 56 | 54 | o | E | 5 | c | 4 | 61 | 50 | — |
| Pembroke ... | 30.19 | 58 | ESE | 6 | b | 30.27 | + .08 | 55 | 54 | o | ESE | 4 | om | 3 | 59 | 52 | — |
| Scilly ... ... | 30.11 | 57 | ESE | 6 | c | 30.19 | + .09 | 58 | 56 | o | E | 7 | om | 5 | 58 | 56 | — |
| Prawle Point ... | 30.19 | 56 | ENE | 5 | m | 30.24 | .00 | 57 | 56 | o | ENE | 5 | m | 4 | 61 | 54 | — |
| Hurst Castle ... | 30.26 | 58 | SE | 4 | c | 30.30 | + .06 | 54 | 54 | − 1 | E | 3 | bms | 2 | 63 | 53 | — |
| Dover ... ... | 30.31 | 59 | E | 3 | bc | 30.35 | + .05 | 58 | 56 | o | E | 3 | b | 2 | 61 | 56 | — |
| London ... ... | 30.29 | 58 | E | 1 | o | 30.35 | + .13 | 55 | 54 | + 1 | E | 2 | og | * | 64 | 53 | — |
| Oxford ... ... | 30.33 | 59 | SW | 1 | o | 30.36 | + .08 | 55 | 54 | + 3 | E | 1 | o | * | 60 | 51 | — |
| Cambridge . | 30.30 | 58 | SE | 1 | o | 30.38 | + .09 | 52 | 52 | − 3 | ESE | 1 | ow | * | 63 | 46 | — |
| Yarmouth ... | 30.32 | 57 | E | 1 | bc | 30.39 | + .09 | 56 | 55 | + 2 | NE | 1 | bc | 1 | 59 | 53 | — |
| The Helder * ... | * | * | * | * | * | 30.38 | + .08 | 53 | 51 | − 2 | SE | 1 | bc | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.[illegible] | 59 | ENE | 3 | b | 30.23 | − .01 | 57 | 54 | o | ENE | 4 | bm | 3 | 64 | 52 | — |
| Brest ... ... | 30.08 | 59 | S | 4 | b | 30.[illegible] | | 51 | 51 | | E | 4 | b | 3 | 64 | 50 | — |
| Lorient ... ... | ? | 58 | SSE | 4 | bc | ? | ? | 53 | 51 | + 2 | SE | 5 | m | 2 | 64 | 48 | — |
| Rochefort ... | 30.11 | 61 | E | 3 | bc | 30.10 | − .04 | 53 | 51 | + 3 | ESE | 5 | b | 2 | ? | 45 | — |
| Biarritz ... ... | 30.04 | 64 | NE | 1 | bc | 29.98 | − .14 | 62 | 57 | + 3 | SSE | 4 | b | 2 | 70 | 55 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.37 | + .05 | 43 | 43 | − 8 | E | 1 | f | * | 64 | ? | — |
| Charleville ... | ? | 64 | E | 1 | b | ? | ? | 49 | 45 | − 5 | NNE | 1 | b | * | 68 | 46 | — |
| Paris ... ... | 30.24 | 60 | NE | 3 | b | 30.28 | − .02 | 53 | 50 | + 2 | NE | 3 | b | * | * | * | — |
| Lyons ... ... | 30.22 | 57 | NNW | 1 | bc | 30.26 | .00 | 48 | 48 | o | ENE | 1 | f | * | 62 | 46 | — |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.18 | 52 | 51 | W | 3 | rf | 3 | Valentia ... | | | | | | | |
| Sumburgh Head | | | | | | | | Scilly ... ... | | | | | | | * |
| Stornoway ... | | | | | | | | Dover ... ... | | | | | | | |
| Aberdeen ... | | | | | | | | London .. | | | | | | | |
| Shields ... ... | | | | | | | | Yarmouth ... | | | | | | | |
| Ardrossan ... | | | | | | | | Jersey ... ... | | | | | | | |
| Mullaghmore ... | | | | | | | | Rochefort ... | 30.12 | 72 | 63 | E | 4 | b | 2 |
| Holyhead... ... | | | | | | | | | | | | | | | |

### EXPLANATION OF COLUMNS.

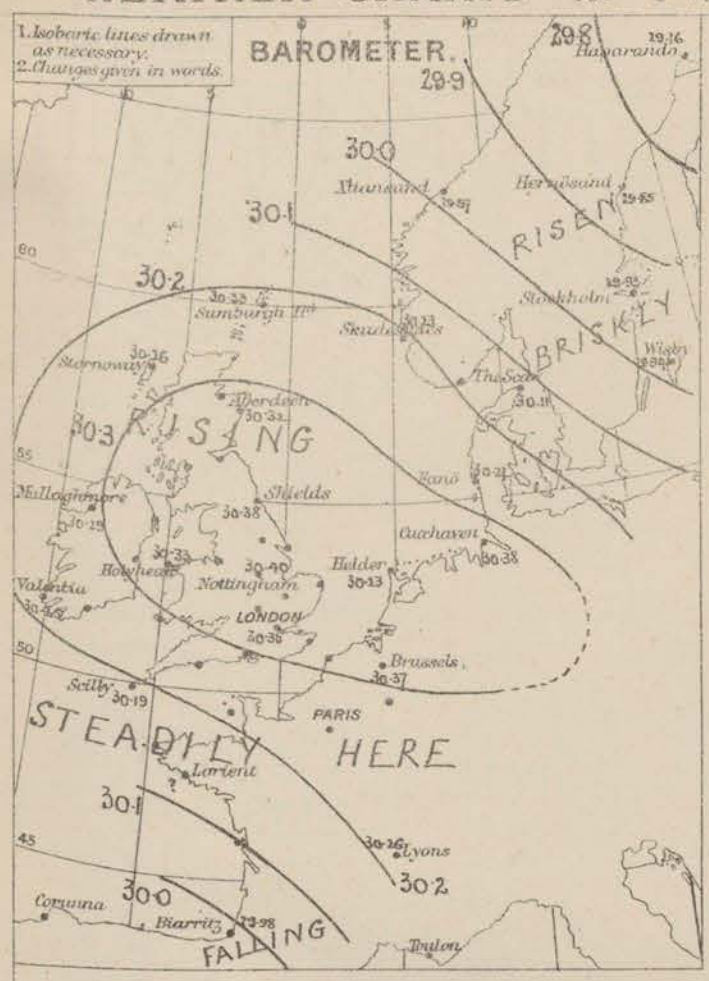
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

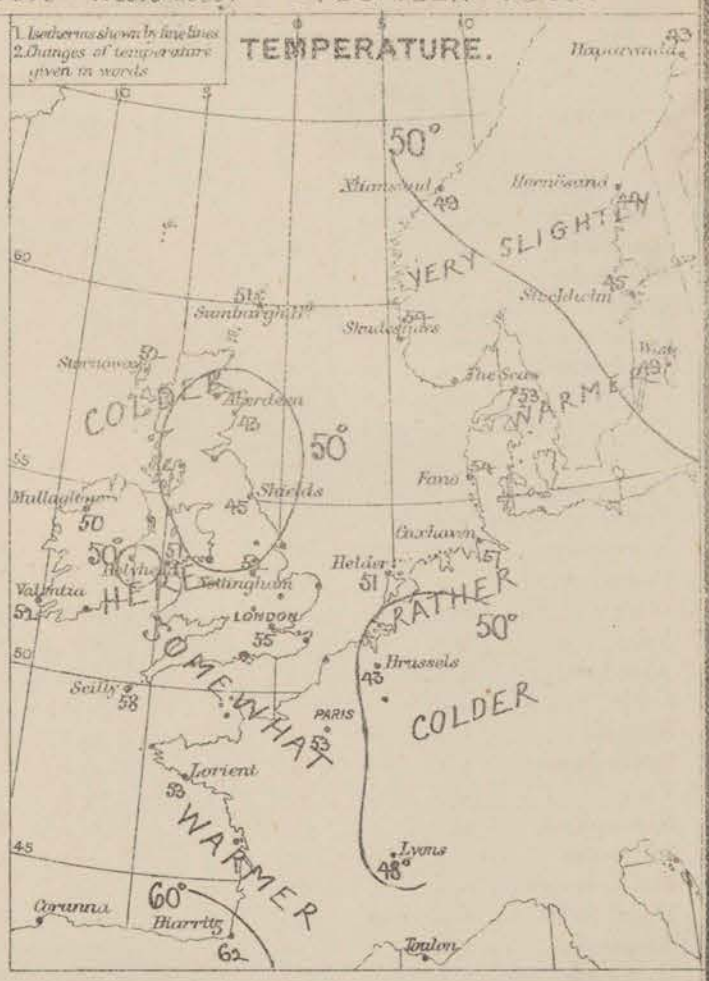
* AN ASTERISK is inserted in all places for which information is not usually received.

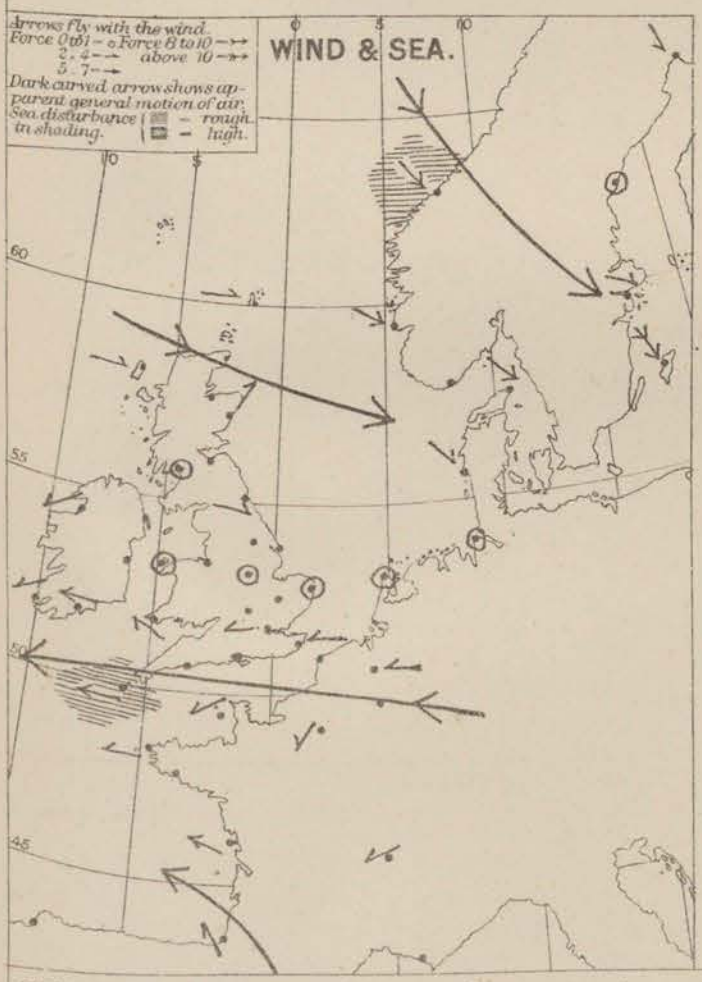
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

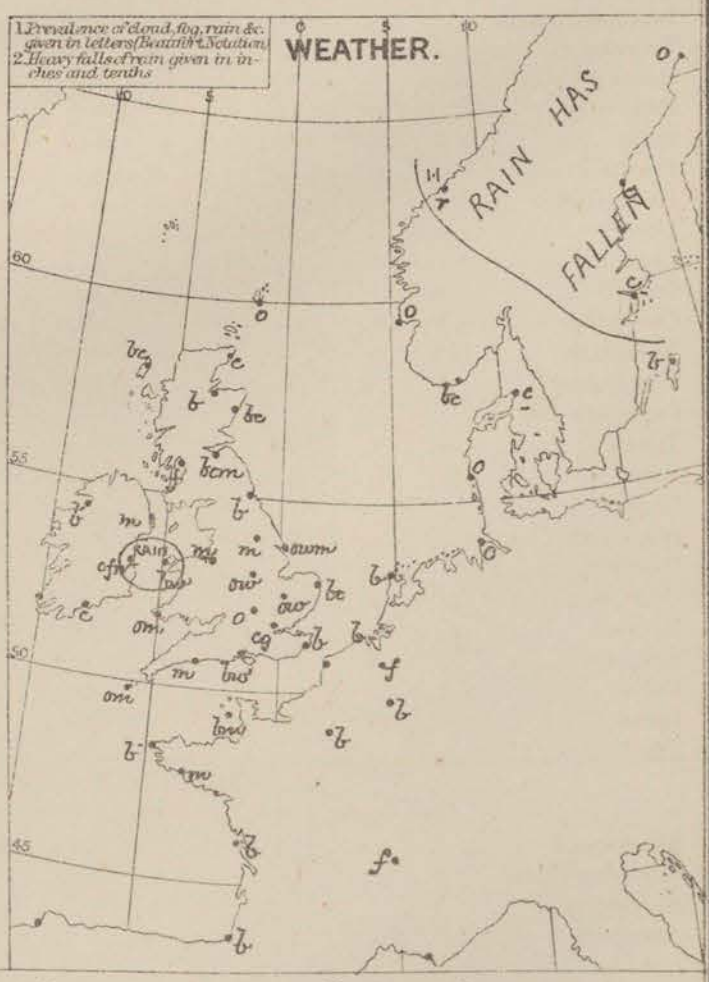
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Monday 6. October 1879.*




**REMARKS.** Weather over the United Kingdom is fair generally, but in many parts of England the sky is covered with a stratum of gloomy clouds, and haze is reported in most places. Slight rain fell in the E. of Ireland yesterday afternoon & evening. Very heavy dew has fallen over our inland counties during the night. Temperature has fallen several degrees at all but our S. stations, and now varies from 44° at Leith, to 51° at Sumburgh Hd. and to 58° at Scilly. Wind is E. at all the S. and SW. stations, SE. over our N. inland counties, and W. in the far N. The E. wind is generally moderate in force, but blows strongly at Scilly, while the W. breeze is light in Scotland, but strong on the W. coast of Norway. Sea is rather rough at the mouth of the Channel and at Christiansund, slight or smooth elsewhere.

Barometrical Indications. An anticyclone lies over Great Britain and the Netherlands this morning, and the barometer is rising except in the SW. of France.

Warnings. The signals hoisted on our SW. coasts yesterday have been lowered this morning.

*Subscription for these Charts payable in advance to cover delivery.* | *Delivery by hand 10/ per quarter. " book post 6/- " "*

*Meteorological Office, 116, Victoria Street, Westminster. S.W.*

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

# DAILY WEATHER REPORT 7th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.71 | 42 | SW | 2 | o | 29.69 | − .07 | 39 | 39 | − 4 | NW | 2 | bc | * | 46 | 36 | — |
| Hernösand ... | 29.91 | 45 | NW | 4 | b | 29.91 | + .06 | 48 | 44 | + 4 | NW | 6 | b | * | 55 | 39 | — |
| Stockholm ... | 29.92 | 48 | W | 0 | bc | 30.02 | + .08 | 44 | 40 | − 1 | NW | 2 | b | * | 54 | 39 | — |
| Wisby ... ... | 29.91 | 53 | NNW | 6 | r | 29.98 | + .04 | 48 | 45 | − 1 | N | 6 | b | * | 55 | 45 | — |
| Christiansund... | 30.16 | 48 | W | 6 | o | 30.12 | + .15 | 51 | 50 | + 2 | WSW | 6 | r | 5 | 52 | 41 | 0.12 |
| Skudesnaes ... | 29.85 | 53 | NNW | 4 | o | 30.30 | + .07 | 53 | 51 | − 1 | NW | 4 | o | 3 | 54 | 52 | — |
| Oxö (Christiansund) ... | 30.15 | 55 | WNW | 4 | bc | ? 30.19 | + .03 | 51 | 47 | − 1 | WNW | 1 | c | 1 | 57 | 48 | — |
| Skagen (The Skaw) | | | | | | | | | | | | | | | | | |
| Fanö ... ... | 30.21 | 51 | NW | 4 | b | 30.26 | − .01 | 54 | 51 | 0 | NW | 4 | o | * | 59 | 50 | — |
| Cuxhaven ... | 30.34 | 56 | NW | 1 | c | 30.34 | − .04 | 56 | 54 | − 1 | NNW | 1 | bc | * | 59 | 54 | — |
| Sumburgh Head | 30.27 | 52 | WNW | 3 | o | 30.31 | + .08 | 51 | 49 | 0 | W | 4 | o | 3 | 54 | 49 | 0.01 |
| Stornoway ... | 30.29 | 52 | WSW | 2 | c | 30.34 | + .08 | 46 | 45 | − 6 | W | 0 | c | 0 | 55 | 38 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.34 | 53 | SW | 1 | bc | 30.34 | + .06 | 47 | 47 | − 4 | W | 1 | f | 0 | 60 | 38 | — |
| Nairn ... ... | 30.32 | 50 | W | 0 | bc | 30.39 | + .07 | 42 | 40 | − 4 | W | 0 | c | 0 | 60 | 40 | — |
| Aberdeen ... | 30.32 | 54 | W | 0 | b | 30.39 | + .07 | 40 | 39 | − 3 | WSW | 1 | bw | 0 | 63 | 37 | — |
| Leith ... ... | 30.34 | 54 | WNW | 2 | bc | 30.40 | + .05 | 43 | 43 | + 2 | WSW | 1 | f | * | 64 | 38 | — |
| Shields ... ... | 30.35 | 55 | W | 0 | f | 30.41 | + .03 | 45 | 44 | 0 | WNW | 1 | bm | 1 | 62 | 37 | — |
| Spurn Head ... | 30.37 | 52 | ESE | 1 | c | 30.42 | + .04 | 50 | 49 | − 4 | W | 1 | mw | 2 | 60 | 47 | 0.01 |
| York ... ... | 30.37 | 57 | S | 1 | b | 30.44 | + .05 | 46 | 46 | − 2 | S | 1 | m | * | 65 | 44 | — |
| Nottingham ... | 30.37 | 57 | W | 0 | b | 30.46 | + .06 | 47 | 47 | − 5 | W | 0 | f | * | 64 | 43 | — |
| Ardrossan ... | 30.35 | 42 | W | 0 | f | 30.41 | + .06 | 43 | 42 | − 3 | W | 0 | f | 0 | 53 | 41 | — |
| Mullaghmore ... | 30.31 | 54 | WNW | 1 | b | 30.40 | + .11 | 45 | 45 | − 5 | SE | 1 | f | 1 | 64 | 44 | 0.01 |
| Donaghadee ... | 30.37 | 51 | W | 0 | f | 30.42 | + .06 | 50 | 50 | − 2 | NW | 1 | f | 0 | 55 | 48 | 0.01 |
| Kingstown ... | 30.36 | 54 | SE | 1 | b | 30.42 | + .08 | 51 | 51 | + 3 | W | 0 | ofw | 1 | 62 | 47 | 0.02 |
| Holyhead ... | 30.32 | 56 | N | 2 | b | 30.44 | + .11 | 51 | 51 | 0 | W | 0 | f | 0 | 60 | 50 | 0.02 |
| Liverpool (Bidston) | 30.35 | 55 | SE | 2 | m | 30.41 | + .05 | 45 | 48 | − 1 | ESE | 2 | f | 1 | 59 | 47 | 0.01 |
| Valentia ... ... | 30.27 | 57 | ESE | 1 | b | 30.34 | + .09 | 51 | 50 | − 1 | W | 0 | bmw | 1 | 65 | 44 | — |
| Roche's Point... | 30.30 | 58 | E | 5 | c | 30.36 | + .11 | 58 | 57 | + 2 | E | 4 | mw | 4 | 59 | 51 | — |
| Pembroke ... | 30.29 | 58 | E | 2 | b | 30.38 | + .11 | 51 | 49 | − 4 | NE | 1 | bm | 2 | 61 | 49 | — |
| Scilly ... ... | 30.21 | 58 | E | 6 | b | 30.27 | + .08 | 57 | 56 | − 1 | E | 6 | am | 5 | 61 | 56 | — |
| Prawle Point ... | 30.24 | 57 | ENE | 5 | m | 30.32 | + .08 | 53 | 52 | − 4 | NE | 5 | m | 4 | 62 | 53 | — |
| Hurst Castle ... | 30.30 | 55 | E | 1 | b | 30.37 | + .07 | 52 | 52 | − 2 | ENE | 3 | bw | 2 | 62 | 49 | — |
| Dover ... ... | 30.33 | 55 | ENE | 4 | b | 30.39 | + .04 | 56 | 53 | − 2 | E | 4 | b | 3 | 60 | 54 | — |
| London ... ... | 30.35 | 56 | E | 3 | b | 30.40 | + .05 | 56 | 54 | + 1 | NE | 2 | og | * | 67 | 51 | — |
| Oxford ... ... | 30.25 | 55 | W | 0 | m | 30.41 | + .05 | 53 | 52 | − 2 | E | 1 | o | * | 61 | 47 | — |
| Cambridge ... | 30.37 | 57 | SE | 1 | c | 30.42 | + .04 | 53 | 52 | + 1 | E | 1 | o | * | 62 | 45 | — |
| Yarmouth ... | 30.37 | 56 | W | 0 | b | 30.42 | + .03 | 48 | 47 | − 8 | W | 0 | bf | 1 | 59 | 44 | — |
| The Helder ... | * | * | * | * | * | 30.38 | .00 | 55 | 53 | + 2 | NW | 1 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.18 | 59 | ENE | 3 | b | 30.30 | + .07 | 57 | 54 | 0 | ENE | 4 | bm | 4 | 64 | 53 | — |
| Brest ... ... | | | | | | | | | | | | | | | | | |
| Lorient ... ... | ? | 63 | SE | 5 | b | ? | ? | 55 | 53 | + 2 | E | 5 | m | 2 | 68 | 50 | — |
| Rochefort ... | 30.06 | 64 | E | 5 | b | 30.11 | + .01 | 56 | 54 | + 3 | E | 7 | bc | 2 | ? | 48 | — |
| Biarritz ... ... | 30.00 | 70 | S | 5 | o | 30.06 | + .08 | 64 | 62 | + 2 | WNW | 4 | o | 3 | 77 | 59 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.39 | + .02 | 42 | 42 | − 1 | ENE | 2 | f | * | 62 | 40 | — |
| Charleville ... | ? | 59 | E | 1 | b | ? | ? | 45 | 42 | − 4 | ENE | 1 | b | * | 70 | 40 | — |
| Paris ... ... | 30.25 | 61 | E | 1 | bc | 30.33 | + .05 | 52 | 48 | − 1 | NE | 3 | b | * | * | * | — |
| Lyons ... ... | | | | | | | | | | | | | | * | | | |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.23 | 54 | 52 | NNW | 6 | o | 3 | Valentia ... | 30.26 | 62 | 56 | ESE | 3 | bcm | 3 |
| Sumburgh Head | 30.27 | 52 | 52 | WNW | 3 | o | 3 | Scilly ... ... | 30.20 | 60 | 58 | E | 7 | b | 5 |
| Stornoway ... | 30.28 | 55 | 53 | WSW | 3 | b | 2 | Dover ... ... | 30.36 | 60 | 59 | E | 3 | b | 2 |
| Aberdeen ... | 30.32 | 58 | 53 | E | 1 | b | 0 | London ... | 30.35 | 63 | 59 | E | 4 | b | 2 |
| Shields ... ... | 30.35 | 56 | 55 | NW | 1 | m | 1 | Yarmouth ... | 30.39 | 58 | 59 | W | 0 | b | 1 |
| Ardrossan ... | 30.35 | 51 | 50 | NW | 2 | f | 1 | Jersey ... ... | 30.21 | 64 | 60 | ENE | 4 | bm | 3. |
| Mullaghmore ... | 30.30 | 62 | 59 | W | 3 | b | 2 | Rochefort ... | 30.04 | 76 | 68 | E | 5 | b | 2 |
| Holyhead... ... | 30.34 | 51 | 49 | NNE | 2 | b | 2 | | | | | | | | |

Pressure shows very little change, and the anticyclone still lies over these Islands and the North Sea.

E. & S. breezes prevail in the S. and W. & N. winds in the N.

### EXPLANATION OF COLUMNS.

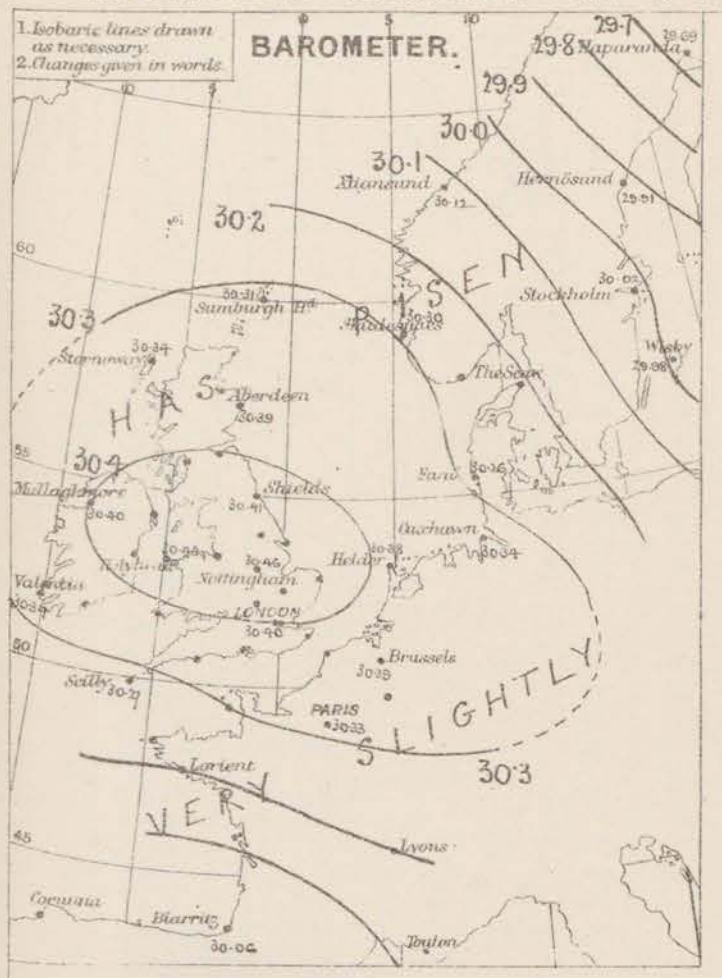
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

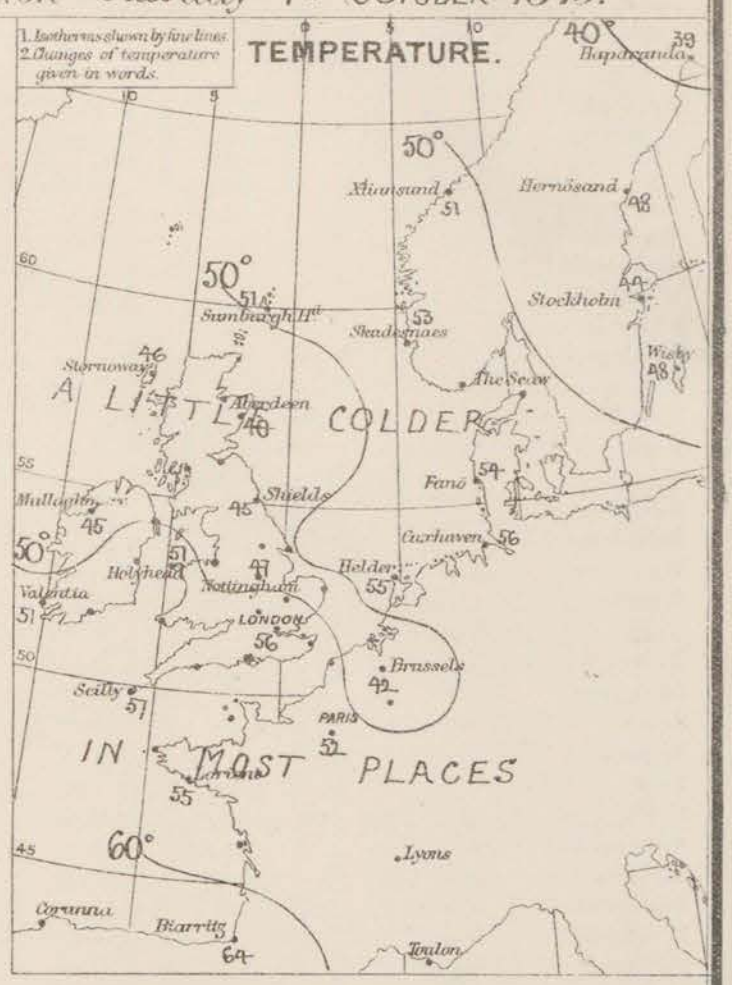
* AN ASTERISK is inserted in all places for which information is not usually received.

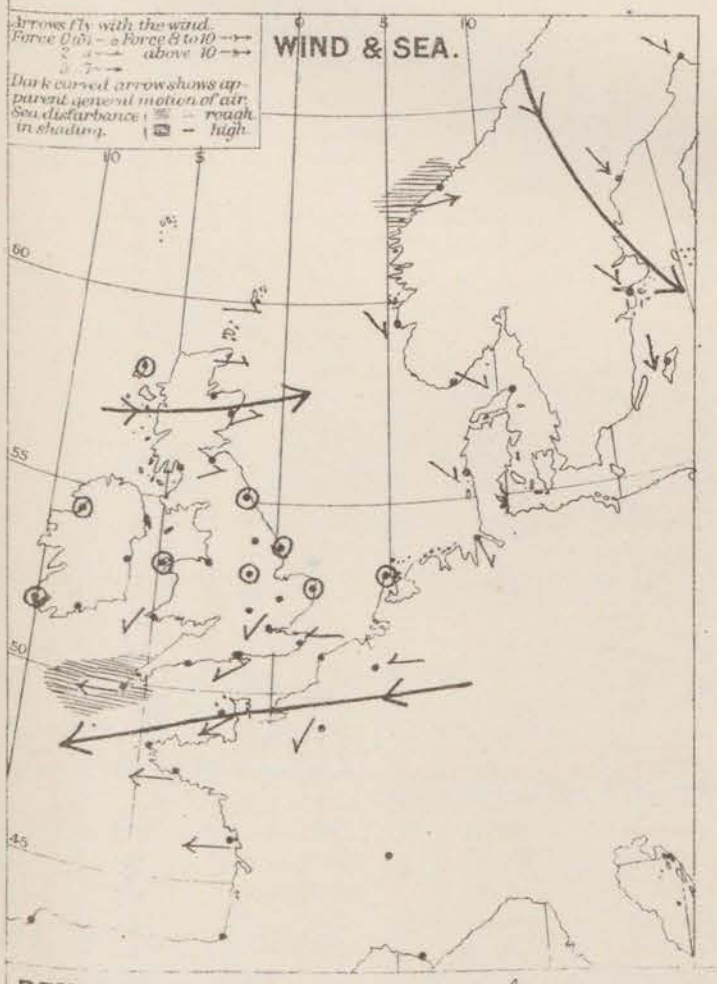
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

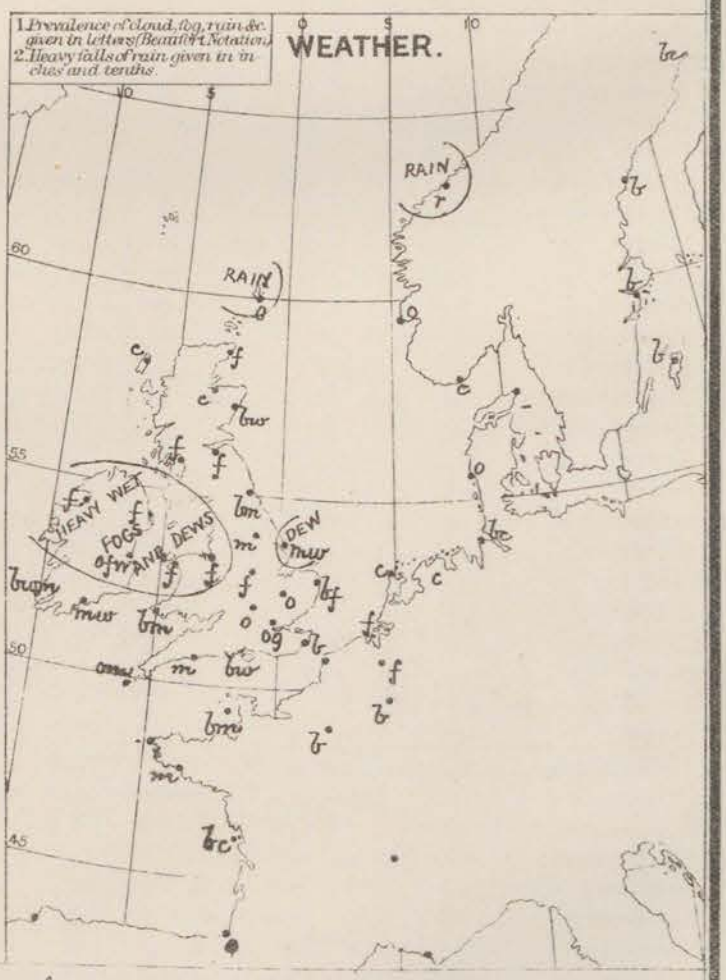
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Tuesday 7th October 1879.*




**REMARKS** Weather to day is fair over the whole of the United Kingdom, but fog and haze are very prevalent over England, while in the far N. the sky is cloudy. Heavy dew has fallen during the night, and at our NWn stations heavy wet fogs have prevailed giving from 0·1 in. to 0·02 in. of water in the rain gauges. Temperature has changed somewhat irregularly. It has fallen both at the Scotch stations, and on our eastern Sn coasts, but has risen a little in the W. of France. Readings vary from 40° at Aberdeen to 51° at Sumburgh Head, and to 56° over our Sn counties and at Cuxhaven. Wind continues El (moderate to strong) in the far S. of our Islands, Wl (moderate) in the far N. At the intermediate stations calms and variable airs prevail. In Scandinavia brisk W. to NW winds are reported, while in France the wind is El. Sea is still rather rough in the SW. slight or smooth elsewhere. Barometrical Indications. An anticyclone now lies completely over our Islands, and the barometer is rising slowly at all stations. At present there is no sign of any important change.

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Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

# DAILY WEATHER REPORT 8th October 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | | | | | | | | | | | | | | * | | | |
| Hernösand ... | | | | | | | | | | | | | | * | | | |
| Stockholm ... | | | | | | | | | | | | | | * | | | |
| Wisby ... ... | | | | | | | | | | | | | | * | | | |
| Christiansund... | | | | | | | | | | | | | | * | | | |
| Skudesnaes ... | 30·39 | 52 | NW | 4 | r | 30·37 | + ·07 | 52 | 51 | — 1 | NNW | 4 | r | 2 | 54 | 52 | — |
| Oxö (Xtiansund) ... | 30·21 | 57 | WNW | 4 | b | 30·21 | + ·02 | 50 | 48 | — 1 | NNW | 2 | b | 1 | 57 | 46 | — |
| Skagen (The Skaw) | 30·18 | 51 | L | 0 | b | 30·27 | + ·09 | 53 | 51 | 0 | NE | 2 | b | 1 | 59 | ? | — |
| Fanö ... ... | | | | | | | | | | | | | | * | | | |
| Cuxhaven ... | | | | | | | | | | | | | | * | | | |
| Sumburgh Head | 30·35 | 51 | WNW | 4 | o | 30·43 | + ·12 | 50 | 49 | — 1 | WNW | 4 | o | 4 | 52 | 48 | — |
| Stornoway ... | 30·43 | 52 | WNW | 1 | o | 30·48 | + ·14 | 50 | 50 | + 4 | SW | 1 | o | 1 | ? | 46 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30·46 | 52 | NW | 1 | o | 30·50 | + ·16 | 50 | 47 | + 3 | W | 1 | if | 0 | 56 | 45 | — |
| Nairn ... ... | 30·44 | 49 | L | 0 | b | 30·54 | + ·15 | 47 | 45 | + 5 | L | 0 | c | 0 | 57 | 41 | — |
| Aberdeen ... | 30·46 | 59 | ENE | 1 | m | 30·54 | + ·15 | 45 | 44 | + 5 | SW | 1 | o | 0 | 62 | 40 | — |
| Leith ... ... | 30·43 | 52 | W | 1 | b | 30·54 | + ·14 | 46 | 46 | + 3 | E | 2 | of | * | 61 | 42 | 0·01 |
| Shields ... ... | 30·43 | 53 | ENE | 1 | b | 30·55 | + ·14 | 46 | 46 | + 1 | NE | 1 | d | 2 | 61 | 43 | 0·02 |
| Spurn Head ... | 30·44 | 52 | W | 1 | m | ? 30·55 | + ·13 | 48 | 47 | — 2 | NNW | 2 | fw | 2 | 56 | 45 | 0·01 |
| York ... ... | 30·46 | 52 | S | 1 | o | 30·57 | + ·13 | 45 | 45 | — 1 | S | 1 | f | * | 52 | 43 | 0·02 |
| Nottingham ... | 30·47 | 51 | L | 0 | o | 30·55 | + ·09 | 48 | 48 | + 1 | L | 0 | f | * | 58 | 46 | — |
| Ardrossan ... | 30·47 | 49 | L | 0 | f | 30·54 | + ·13 | 44 | 44 | + 1 | L | 0 | f | 0 | 49 | 39 | 0·01 |
| Mullaghmore ... | 30·44 | 55 | L | 0 | b | 30·52 | + ·12 | 45 | 44 | 0 | E | 2 | bw | 2 | 62 | 44 | — |
| Donaghadee ... | 30·49 | 52 | NNE | 1 | f | 30·55 | + ·12 | 48 | 48 | — 2 | NNE | 3 | m | 1 | 52 | 47 | — |
| Kingstown ... | 30·47 | 52 | NE | 1 | o | 30·54 | + ·12 | 50 | 50 | — 1 | E | 1 | ofw | 1 | 54 | 48 | 0·01 |
| Holyhead ... | 30·44 | 53 | NW | 2 | f | ? 30·54 | + ·10 | 52 | 51 | + 1 | L | 0 | f | 0 | 56 | 51 | 0·01 |
| Liverpool (Bidston) | 30·44 | 53 | ESE | 1 | f | 30·52 | + ·11 | 46 | 46 | — 2 | ESE | 2 | f | 1 | 58 | 46 | 0·01 |
| Valentia ... ... | 30·40 | 56 | L | 0 | b | 30·48 | + ·14 | 48 | 46 | — 3 | L | 0 | b | 1 | 64 | 42 | — |
| Roche's Point... | 30·45 | 56 | SE | 3 | be | 30·50 | + ·14 | 51 | 50 | — 7 | E | 3 | mw | 3 | 60 | 50 | — |
| Pembroke ... | 30·39 | 57 | L | 0 | b | 30·49 | + ·11 | 49 | 49 | — 2 | E | 2 | of | 2 | 64 | 48 | — |
| Scilly ... ... | 30·31 | 59 | ENE | 5 | o | 30·41 | + ·14 | 56 | 55 | — 1 | E | 4 | om | 4 | 61 | 55 | — |
| Prawle Point ... | 30·35 | 58 | NE | 5 | m | 30·44 | + ·12 | 53 | 53 | 0 | ENE | 5 | m | 4 | 62 | 53 | — |
| Hurst Castle ... | 30·39 | 58 | NE | 2 | b | 30·48 | + ·11 | 53 | 53 | + 1 | E | 4 | cw | 3 | 62 | 48 | — |
| Dover ... ... | 30·42 | 57 | ENE | 4 | b | 30·47 | + ·05 | 56 | 52 | 0 | NE | 3 | og | 2 | 63 | 52 | — |
| London ... ... | 30·41 | 55 | ENE | 1 | b | 30·50 | + ·10 | 53 | 51 | — 3 | ENE | 1 | og | * | 66 | 48 | — |
| Oxford ... ... | 30·48 | 54 | E | 1 | o | 30·53 | + ·12 | 50 | 50 | + 3 | NNE | 1 | of | * | 57 | 46 | — |
| Cambridge ... | 30·46 | 53 | L | 0 | b | 30·53 | + ·11 | 47 | 46 | — 6 | N | 1 | o | * | 60 | 45 | — |
| Yarmouth ... | 30·44 | 53 | L | 0 | f | 30·50 | + ·08 | 51 | 50 | + 3 | L | 0 | o | * | 55 | 45 | — |
| The Helder ... | * | * | * | * | * | 30·44 | + ·06 | 54 | 51 | — 1 | ? | 1 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30·31 | 57 | ENE | 6 | b | 30·41 | + ·11 | 55 | 54 | — 2 | ENE | 4 | m | 3 | 64 | 52 | — |
| Brest ... ... | 30·32 | 62 | SE | 5 | b | 30·30 | | 51 | 51 | | E | 5 | b | 3 | 73 | 50 | — |
| Lorient ... ... | ? | 64 | E | 5 | m | ? | ? | 53 | 50 | — 2 | E | 7 | m | 2 | 68 | 52 | — |
| Rochefort ... | 30·13 | 67 | E | 4 | be | 30·22 | + ·11 | 55 | 53 | — 1 | ENE | 7 | b | 2 | 81 | 48 | — |
| Biarritz ... ... | 30·12 | 61 | W | 3 | r | 30·24 | + ·08 | 60 | 57 | — 4 | SE | 3 | c | 2 | 73 | 55 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30·44 | + ·05 | 52 | 50 | + 10 | NE | 1 | o | * | 59 | 48 | — |
| Charleville ... | ? | 55 | NNE | 1 | b | ? | ? | 48 | 45 | + 3 | NNE | 1 | c | * | 69 | 44 | — |
| Paris ... ... | 30·34 | 61 | NE | 1 | o | 30·41 | + ·08 | 49 | 46 | — 3 | NNE | 3 | b | * | * | * | — |
| Lyons ... ... | 30·26 | 53 | N | 1 | o | 30·31 | + ·04 | 51 | 51 | + 2 | WNW | 1 | f | * | 65 | 50 | — |
| Toulon ... ... | 30·19 | 66 | L | 0 | b | 30·23 | + ·04 | 66 | 59 | — 2 | L | 0 | b | 0 | 73 | 61 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30·32 | 54 | 52 | NW | 2 | of | 2 |
| Sumburgh Head | 30·34 | 51 | 50 | W | 4 | o | 4 |
| Stornoway ... | 30·40 | 54 | ? 49 | WNW | 1 | c | 1 |
| Aberdeen ... | 30·40 | 56 | 52 | L | 0 | b | 0 |
| Shields ... ... | 30·42 | 55 | 53 | ENE | 1 | b | 0 |
| Ardrossan ... | 30·46 | 49 | 48 | WSW | 1 | f | 0 |
| Mullaghmore ... | 30·42 | 57 | 56 | N | 1 | bm | 1 |
| Holyhead... ... | 30·44 | 55 | 54 | NNE | 1 | f | 0 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 30·37 | 62 | 58 | WSW | 3 | b | 3 |
| Scilly ... ... | 30·30 | 61 | 57 | ENE | 5 | be | 4 |
| Dover ... ... | 30·42 | 59 | 55 | E | 3 | b | 2 |
| London ... | 30·43 | 63 | 59 | ENE | 2 | c | 2 |
| Yarmouth ... | 30·44 | 53 | 53 | NE | 2 | f | 1 |
| Jersey... ... | 30·30 | 63 | 58 | ENE | 6 | bm | 4 |
| Rochefort ... | 30·12 | 80 | 69 | E | 5 | be | 2 |

Pressure still increases everywhere, and readings are exceedingly uniform over these Islands. Fresh E^ly breeze prevail in the Channel, but elsewhere the wind is very light. The weather is fine though slight local fogs or mists prevail.

### EXPLANATION OF COLUMNS.

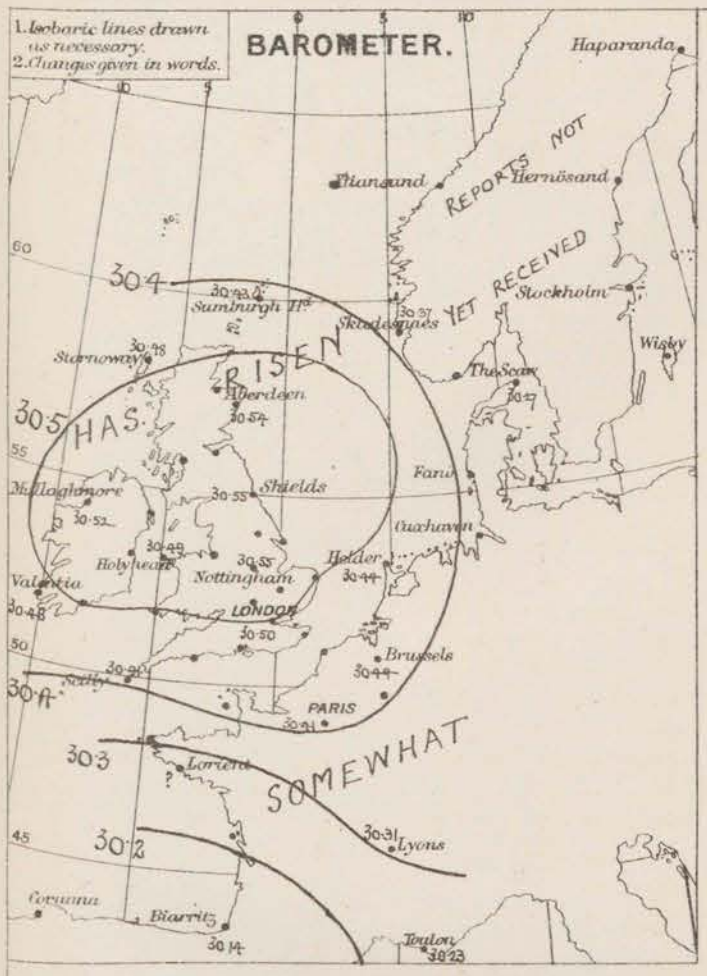
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

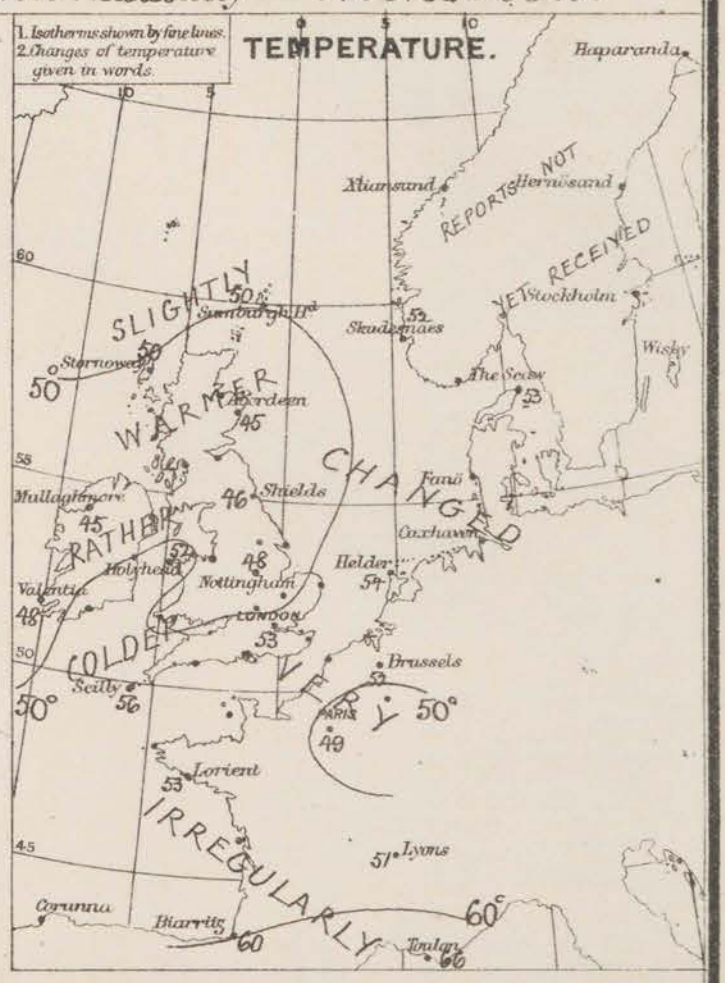
* AN ASTERISK is inserted in all places for which information is not usually received.

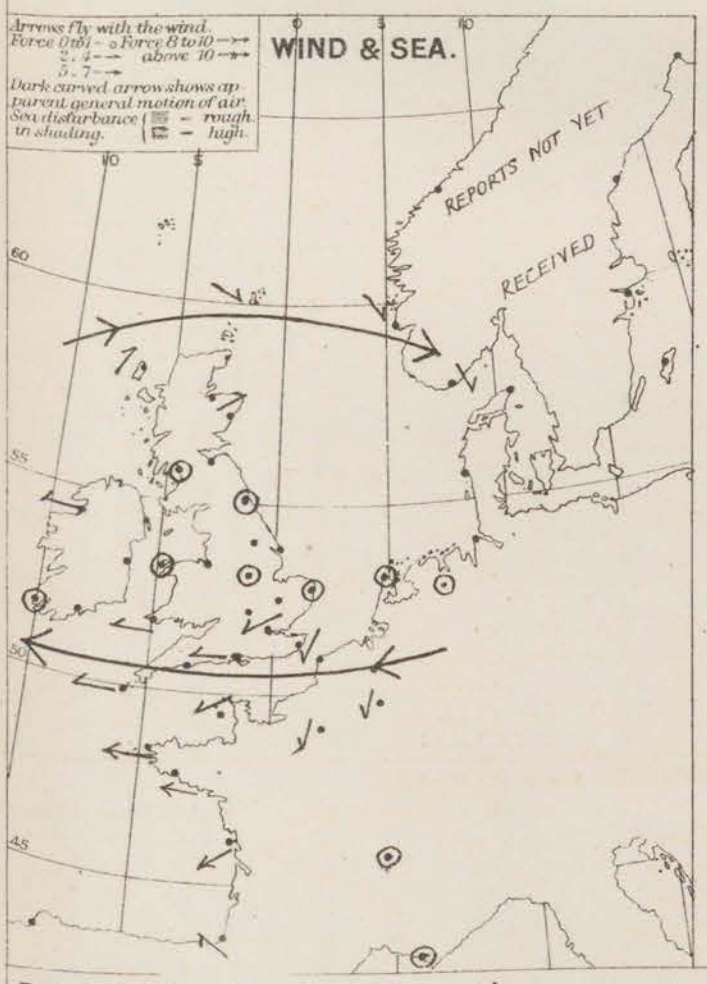
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

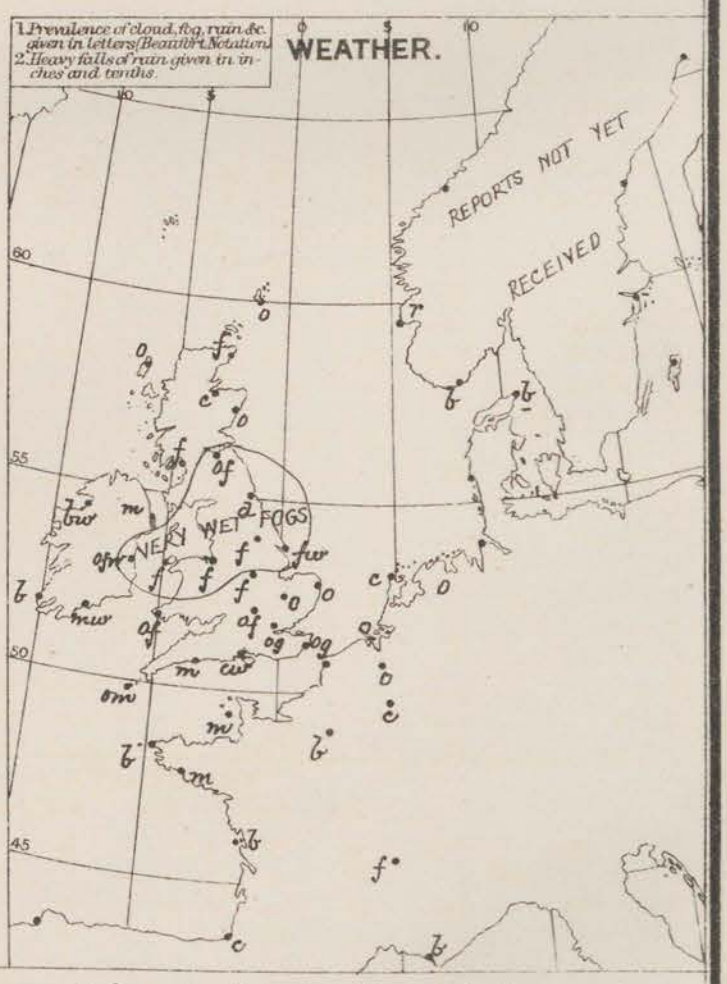
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Wednesday 8. OCTOBER 1879.*




**REMARKS.** Weather over the United Kingdom is dull gloomy and foggy in almost all places, wet fogs are reported all along our NE coasts and overcast skies in the far N. In the W. of Ireland the sky is clear. Temperature shows no important change, the present readings varying from about 45° over our N^n inland counties, to 50° in the Shetlands and Hebrides and to 56° at Scilly. The maximum readings reported over our inland counties yesterday varied from 60° to 63°, but in London the thermometer rose to 66°. Wind is still E^l at and west S^n stations, and N^l in the far N. but calms prevail over the greater part of the country. In the Bay of Biscay the wind is strong from the E^d. Sea is moderate in the S^n and at Lerwick Head, slight or smooth elsewhere.

Barometrical Indications. The centre of the Anticyclone recently observed still lies over our Islands. The barometer is now as high as 30·57 ins: at York, and 30·55 ins: at Donaghadee, and is still rising slowly.

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Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter. " book post 5/- " "

Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

# DAILY WEATHER REPORT 9th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29·97 | 48 | W | 4 | o | 29·69 | + ·35 | 48 | 45 | + 11 | SW | 2 | o | * | 48 | 37 | — |
| Hernösand ... | 30·13 | 49 | Z | o | b | 29·88 | − ·33 | 50 | 48 | + 10 | SW | 2 | o | * | 61 | 34 | 0·08 |
| Stockholm ... | 30·27 | 42 | Z | o | b | 30·13 | − ·05 | 49 | 47 | + 5 | W | 2 | b | * | 55 | 37 | — |
| Wisby ... ... | 30·21 | 43 | NE | 4 | b | 30·14 | + ·07 | 48 | 47 | − 2 | WSW | 4 | bc | * | 54 | 41 | — |
| Christiansund... | 30·18 | 52 | WSW | 6 | o | 29·89 | − ·38 | 52 | 49 | + 3 | SW | 9 | f | 6 | 52 | 43 | 0·20 |
| Skudesnaes ... | 30·38 | 51 | Z | o | b | 30·25 | − ·12 | 51 | 50 | − 1 | WNW | 6 | o | 3 | 52 | 50 | 0·04 |
| Oxö (Xtiansund) ... | 30·30 | 51 | NNW | 1 | b | 30·15 | − ·06 | 51 | 47 | + 1 | WSW | 4 | c | 2 | 55 | 43 | — |
| Skagen (The Skaw) | 30·32 | 53 | SW | 2 | b | 30·14 | − ·13 | 51 | 49 | − 2 | WSW | 3 | o | 2 | 59 | ? | — |
| Fanö ... ... | 30·38 | 50 | NNW | 2 | b | 30·33 | + ·02 | 52 | 51 | − 2 | NW | 4 | m | * | 59 | 48 | — |
| Cuxhaven ... | 30·39 | 56 | N | 3 | bc | 30·41 | | 54 | 54 | | N | 2 | bc | * | ? | 52 | — |
| Sumburgh Head | 30·40 | 50 | WSW | 4 | f | 30·22 | − ·21 | 51 | 50 | + 1 | WNW | 5 | m | 5 | 53 | 48 | 0·02 |
| Stornoway ... | 30·47 | 51 | WNW | 2 | o | 30·41 | − ·07 | 52 | 51 | + 2 | NW | 2 | o | 2 | 55 | 39 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30·47 | 51 | W | 1 | o | 30·38 | − ·12 | 51 | 50 | + 1 | W | 1 | o | o | 58 | 36 | — |
| Nairn ... ... | 30·48 | 46 | Z | o | bc | 30·43 | − ·11 | 47 | 45 | 0 | SW | 1 | c | 1 | 53 | 40 | — |
| Aberdeen ... | 30·50 | 45 | S | 1 | om | 30·41 | − ·13 | 38 | 37 | − 7 | W | 1 | bom | o | 53 | 35 | 0·01 |
| Leith ... ... | 30·53 | 47 | E | 1 | o | 30·45 | − ·09 | 43 | 42 | − 3 | W | 3 | bc | * | 49 | 40 | — |
| Shields ... ... | 30·56 | 49 | SE | 2 | o | 30·46 | − ·09 | 47 | 46 | + 1 | W | 3 | b | 2 | 50 | 34 | — |
| Spurn Head ... | 30·54 | 49 | N | 2 | c | 30·52 | − ·03 | 47 | 45 | − 1 | SW | 2 | c | 2 | 51 | 46 | — |
| York ... ... | 30·56 | 49 | S | 1 | o | 30·55 | − ·02 | 45 | 44 | 0 | S | 2 | o | * | 52 | 44 | — |
| Nottingham ... | 30·58 | 49 | N | 1 | o | 30·55 | ·00 | 47 | 46 | − 1 | ISE | 1 | ow | * | 49 | 45 | — |
| Ardrossan ... | 30·52 | 45 | ENE | 1 | f | 30·52 | − ·02 | 46 | 45 | + 2 | WNW | 1 | o | 1 | 52 | 43 | — |
| Mullaghmore ... | 30·51 | 58 | Z | o | b | 30·52 | ·00 | 48 | 48 | + 3 | NNE | 1 | f | 1 | 62 | 44 | 0·01 |
| Donaghadee ... | 30·55 | 49 | NNW | 2 | f | 30·56 | + ·01 | 47 | 47 | − 1 | NNE | 3 | f | 1 | 51 | 44 | 0·01 |
| Kingstown ... | 30·55 | 50 | NNW | 1 | o | 30·54 | ·00 | 48 | 48 | − 2 | ENE | 2 | ofw | 2 | 53 | 47 | 0·01 |
| Holyhead ... | 30·51 | 52 | NNE | 2 | f | 30·52 | − ·02 | 51 | 51 | − 1 | Z | o | f | o | 55 | 51 | — |
| Liverpool (Bidston) | 30·52 | 52 | ESE | 2 | f | 30·52 | ·00 | 44 | 44 | − 2 | SE | 1 | m | 1 | 54 | 44 | — |
| Valentia ... ... | 30·49 | 52 | W | 1 | bm | 30·53 | + ·05 | 50 | 48 | + 2 | N | 1 | om | 1 | 61 | 47 | — |
| Roche's Point... | 30·52 | 50 | E | 4 | m | 30·52 | + ·02 | 52 | 51 | + 1 | E | 3 | m | 3 | 56 | 50 | — |
| Pembroke ... | 30·48 | 51 | Z | o | b | 30·51 | + ·02 | 49 | 48 | 0 | ESE | 1 | of | 1 | 58 | 49 | — |
| Scilly ... ... | 30·42 | 56 | E | 6 | bc | 30·44 | + ·03 | 55 | 53 | − 1 | ENE | 5 | om | 4 | 60 | 55 | — |
| Prawle Point ... | 30·45 | 54 | ENE | 5 | m | 30·45 | + ·01 | 51 | 51 | − 2 | ENE | 5 | m | 4 | 57 | 50 | — |
| Hurst Castle ... | 30·48 | 54 | E | 5 | m | 30·48 | ·00 | 51 | 50 | − 2 | NE | 3 | m | 2 | 55 | 50 | — |
| Dover ... ... | 30·48 | 56 | ENE | 3 | cy | 30·46 | − ·01 | 55 | 53 | − 1 | ENE | 3 | bc | 2 | 61 | 53 | — |
| London ... ... | 30·52 | 55 | ENE | 2 | o | 30·49 | − ·01 | 50 | 48 | − 3 | NE | 1 | ofg | * | 55 | 49 | — |
| Oxford ... ... | 30·49 | 49 | NE | 1 | o | 30·52 | − ·01 | 47 | 46 | − 3 | ENE | 1 | o | * | 52 | 47 | — |
| Cambridge ... | 30·53 | 50 | N | 1 | o | 30·53 | ·00 | 49 | 48 | + 2 | ENE | 1 | o | * | 53 | 46 | 0·01 |
| Yarmouth ... | 30·52 | 52 | NNE | 2 | c | 30·50 | ·00 | 51 | 49 | 0 | NNE | 1 | c | 2 | 53 | 50 | — |
| The Helder ... | * | * | * | * | * | 30·45 | + ·01 | 52 | 50 | − 2 | N | 1 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30·41 | 55 | ENE | 6 | bm | 30·42 | + ·01 | 54 | 52 | − 1 | ENE | 5 | om | 4 | 59 | 52 | — |
| Brest ... ... | 30·14 | 57 | E | 4 | b | 30·34 | + ·04 | 52 | 50 | + 1 | ESE | 4 | m | 2 | 68 | 52 | — |
| Lorient ... ... | ? | 61 | E | 5 | m | ? | ? | 51 | 50 | − 2 | E | 7 | m | 2 | 66 | 50 | — |
| Rochefort ... | 30·23 | 64 | NE | 5 | b | 30·23 | + ·01 | 55 | 53 | 0 | NE | 7 | m | 2 | ? | 48 | — |
| Biarritz ... ... | 30·17 | 69 | E | 3 | b | 30·17 | + ·03 | 62 | 59 | + 2 | WSW | 1 | f | 2 | 73 | 55 | — |
| Coruna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30·45 | + ·01 | 51 | 50 | − 1 | NE | 1 | o | * | 57 | 50 | — |
| Charleville ... | ? | 53 | ENE | 1 | o | ? | ? | 53 | 47 | + 5 | NE | 1 | o | * | 57 | 49 | — |
| Paris ... ... | 30·42 | 55 | NE | 5 | o | 30·42 | + ·01 | 54 | 51 | + 5 | NNE | 3 | b | * | * | * | — |
| Lyons ... ... | 30·31 | 52 | N | 1 | o | 30·28 | − ·03 | 50 | 49 | − 1 | NNW | 1 | o | * | 59 | 49 | — |
| Toulon ... ... | 30·14 | 66 | SW | 4 | b | 30·14 | − ·09 | 62 | 55 | − 4 | SW | 1 | b | 1 | 72 | 57 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30·39 | 52 | 50 | NW | 4 | o | 3 | Valentia ... | 30·49 | 60 | 56 | WSW | 3 | bm | 3 |
| Sumburgh Head | 30·43 | 51 | 50 | W | 4 | o | 4 | Scilly ... ... | 30·42 | 60 | 55 | E | 6 | bom | 4 |
| Stornoway ... | 30·48 | 55 | 53 | WNW | 1 | c | 2 | Dover ... ... | 30·47 | 58 | 54 | ENE | 3 | c | 2 |
| Aberdeen ... | 30·53 | 51 | 49 | S | 1 | o | o | London ... | 30·52 | 55 | 52 | ENE | 2 | og | * |
| Shields ... ... | 30·56 | 50 | 48 | SE | 1 | o | 2 | Yarmouth ... | 30·52 | 52 | 50 | NNE | 1 | o | 1 |
| Ardrossan ... | 30·53 | 51 | 49 | S | 1 | o | o | Jersey... ... | 30·41 | 58 | 55 | ENE | 6 | bm | 4 |
| Mullaghmore ... | 30·52 | 59 | 56 | Z | o | b | o | Rochefort ... | 30·21 | 77 | 66 | ENE | 5 | b | 2 |
| Holyhead... ... | 30·52 | 54 | 53 | NNE | 1 | f | 1 | | | | | | | | |

No important change.

### EXPLANATION OF COLUMNS.

WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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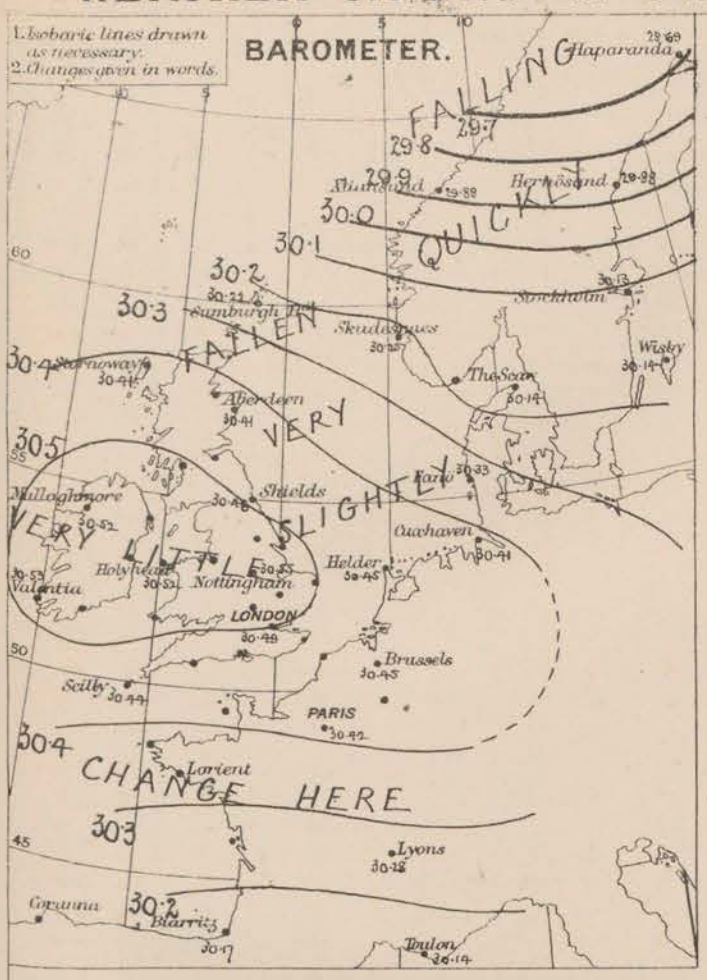
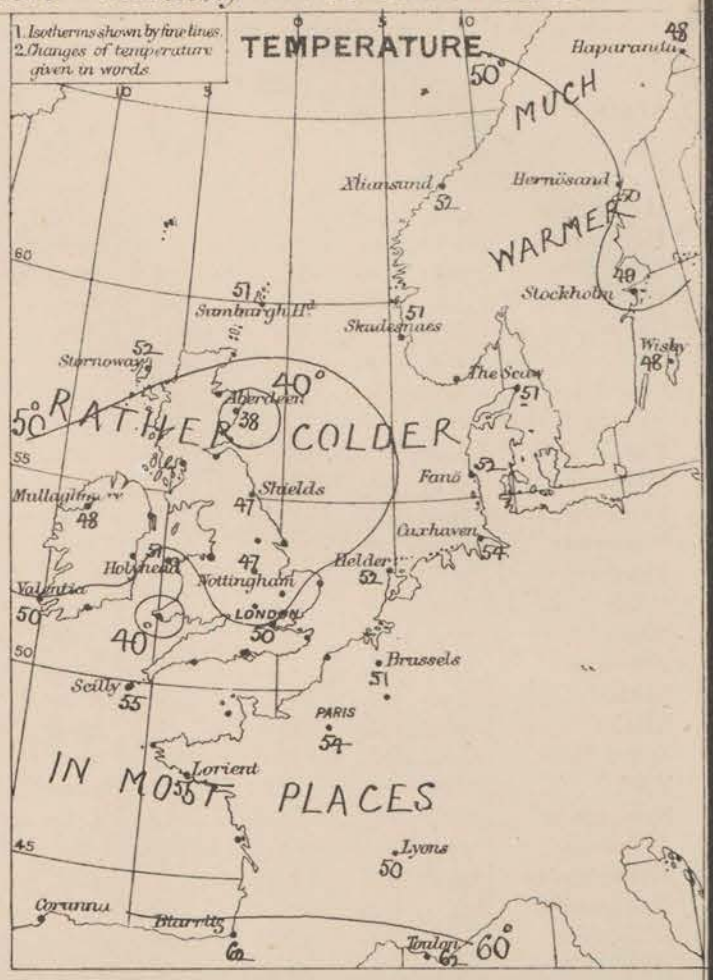
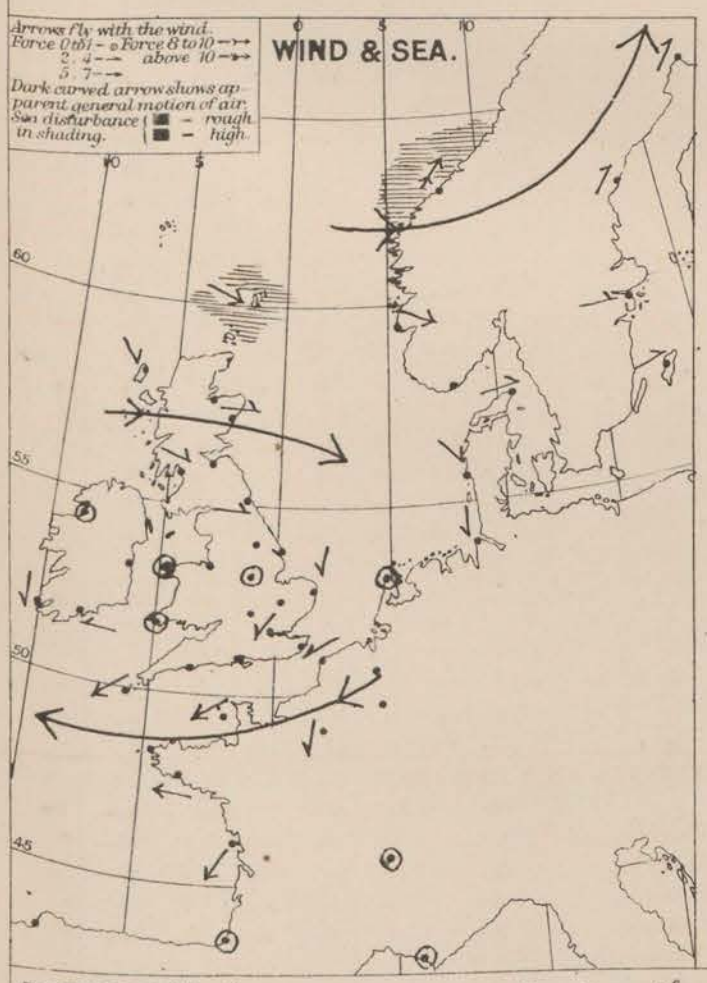
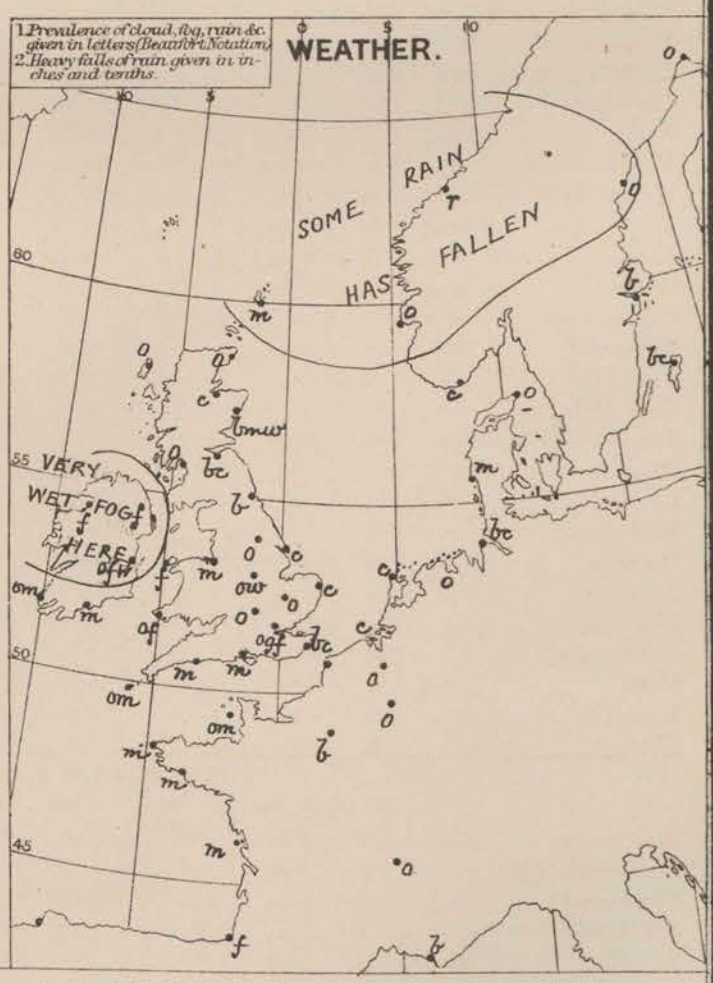
# WEATHER CHARTS *for 8 a.m. on Thursday 9. OCTOBER 1879.*




**REMARKS.** Weather remains dull and foggy over the greater part of the United Kingdom, but has cleared on our NE. coasts. In some places the fog is wet and in others dry. Temperature remains low generally. Owing to the density of the cloud canopy yesterday the maxima were as low as 49° at Nottingham, 52° at York, and 55° in London, and the daily range was very small. Wind is still light to moderate from W. in the N. of Scotland, moderate to fresh from E. and NE. in the Channel, but calm or nearly so over England and Ireland generally. Sea is rather rough at Sumburgh Head, moderate at Scilly, smooth elsewhere.

Barometrical Indications. The anticyclone recently noticed still lies over our Islands. A large but not deep depression has reached the N^n part of Scandinavia during the night, but has scarcely affected our Islands.

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Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

DANGERFIELD LITH. 22 BEDFORD ST COVENT GARDEN

# DAILY WEATHER REPORT 10TH OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.61 | 49 | N | 4 | o | 29.80 | + .11 | 32 | 31 | − 16 | L | o | b | * | 48 | 26 | — |
| Hernösand ... | 29.72 | 46 | NW | 4 | b | 29.95 | + .07 | 44 | 39 | − 6 | NNW | 4 | b | * | 50 | ? | 0.47 |
| Stockholm ... | 29.75 | 48 | NSW | 2 | r | 29.83 | − .30 | 46 | 44 | − 3 | N | 4 | o | * | 57 | 41 | 0.20 |
| Wisby ... ... | 29.81 | 53 | NNW | 8 | o | 29.76 | − .38 | 48 | 45 | o | NNE | 9 | o | * | 55 | 41 | — |
| Christiansund... | 30.04 | 49 | W | 7 | c | 30.08 | − .19 | 47 | 44 | − 5 | W | 5 | r | 5 | 50 | 39 | 0.67 |
| Skudesnaes ... | 30.7 | 50 | NW | 7 | o | 30.24 | − .01 | 48 | 44 | − 3 | NW | 4 | o | 2 | 52 | ? | — |
| Oxö (Xtiansund) ... | 30.06 | 52 | W | 6 | b | 30.13 | − .02 | ? | 43 | ? | NW | 4 | b | 2 | 55 | 46 | — |
| Skagen (The Skaw) | 29.95 | 53 | NNW | 6 | b | 30.09 | − .05 | 52 | 46 | + 1 | NNE | 5 | b | 5 | 57 | ? | — |
| Fanö ... ... | 30.17 | 54 | NW | 6 | c | 30.15 | − .18 | 52 | 49 | o | NNW | 6 | c | * | 54 | 50 | — |
| Cuxhaven ... | 30.33 | 55 | N | 5 | o | 30.21 | − .20 | 55 | 52 | + 1 | N | 6 | bc | * | ? | 52 | — |
| Sumburgh Head | 30.30 | 49 | NW | 5 | o | 30.26 | + .04 | 48 | 46 | − 3 | NSW | 2 | f | 3 | 53 | 46 | — |
| Stornoway ... | 30.42 | 54 | NW | 2 | c | 30.34 | − .07 | 51 | 50 | − 1 | NNW | 4 | c | 3 | ? | 41 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.41 | 49 | NW | 3 | b | 30.33 | − .05 | 51 | 48 | o | SSW | 2 | o | 0 | 55 | 36 | — |
| Nairn ... ... | 30.44 | 52 | L | o | c | 30.39 | − .04 | 53 | 50 | + 6 | W | 2 | o | 1 | 57 | 47 | — |
| Aberdeen ... | 30.43 | 54 | NNW | 1 | bc | 30.40 | − .01 | 50 | 48 | + 12 | NSW | 1 | o | 1 | 60 | 38 | — |
| Leith ... ... | 30.44 | 52 | W | 3 | bc | 30.43 | − .02 | 47 | 47 | + 4 | W | 1 | c | * | 57 | 42 | — |
| Shields ... ... | 30.46 | 51 | ENE | 1 | cm | 30.46 | .00 | 46 | 45 | − 1 | W | 1 | o | 1 | 61 | ? 43 | — |
| Spurn Head ... | 30.42 | 50 | SSW | 1 | bc | 30.44 | − .08 | 47 | 47 | o | WSW | 3 | bw | 1 | 56 | 45 | — |
| York ... ... | 30.43 | 52 | S | 1 | b | 30.47 | − .08 | 39 | 39 | − 6 | NNE | 1 | b | * | 62 | 38 | — |
| Nottingham ... | 30.46 | 49 | L | o | b | 30.50 | − .05 | 45 | 45 | − 2 | L | o | fw | * | 57 | 37 | 0.01 |
| Ardrossan ... | 30.48 | 53 | WNW | 3 | o | 30.46 | − .06 | 47 | 46 | + 1 | ENE | 1 | m | 1 | 54 | 43 | — |
| Mullaghmore ... | 30.52 | 49 | ESE | 2 | o gm | 30.51 | − .01 | 52 | 50 | + 4 | NW | 1 | og | 1 | 52 | 47 | — |
| Donaghadee ... | 30.53 | 51 | N | 3 | m | 30.49 | − .07 | 51 | 51 | + 4 | WNW | 2 | c | 1 | 52 | 46 | — |
| Kingstown ... | 30.54 | 46 | N | 3 | o | 30.52 | − .02 | 49 | 47 | + 1 | WNW | 2 | o | 2 | 51 | 43 | — |
| Holyhead ... | 30.50 | 50 | NNE | 3 | m | 30.48 | − .04 | 52 | 50 | + 1 | NNE | 3 | o | 2 | 53 | 50 | — |
| Liverpool (Bidston) | 30.49 | 50 | NW | 2 | m | 30.47 | − .05 | 50 | 48 | + 6 | N | 1 | m | 1 | 51 | 44 | — |
| Valentia ... ... | 30.50 | 49 | NNW | 1 | bcm | 30.50 | − .03 | 48 | 48 | − 2 | L | o | fg | 1 | 56 | 41 | — |
| Roche's Point... | 30.50 | 54 | ESE | 3 | b | 30.51 | − .01 | 44 | 44 | − 8 | NNE | 2 | f | 3 | 58 | 43 | — |
| Pembroke ... | 30.45 | 53 | NNE | 1 | b | 30.47 | − .04 | 47 | 47 | − 2 | E | 1 | of | 1 | 55 | 47 | — |
| Scilly ... ... | 30.42 | 55 | NE | 4 | om | 30.43 | − .01 | 50 | 48 | − 5 | ENE | 4 | c | 3 | 56 | 49 | — |
| Prawle Point ... | 30.42 | 50 | NNE | 3 | m | 30.44 | − .01 | 48 | 47 | − 3 | NE | 3 | m | 3 | 53 | 46 | — |
| Hurst Castle ... | 30.44 | 52 | NE | 3 | m | 30.46 | − .02 | 47 | 47 | − 4 | NNE | 3 | m | 2 | 54 | 46 | — |
| Dover ... ... | 30.43 | 55 | ENE | 3 | c | 30.42 | − .04 | 50 | 49 | − 5 | NNW | 1 | om | 0 | 59 | 49 | — |
| London ... ... | 30.45 | 50 | NE | 2 | og | 30.45 | − .04 | 41 | 41 | − 9 | L | o | gfw | * | 53 | 37 | — |
| Oxford ... ... | 30.48 | 47 | L | o | c | 30.48 | − .04 | 44 | 44 | − 3 | L | o | of | * | 51 | 37 | — |
| Cambridge ... | 30.45 | 47 | NE | 1 | b | 30.44 | − .09 | 47 | 47 | − 2 | N | 1 | ow | * | 58 | 34 | — |
| Yarmouth ... | 30.43 | 51 | L | o | bc | 30.43 | − .07 | 52 | 50 | + 1 | NNW | 1 | bo | 2 | 53 | 46 | 0.01 |
| The Helder ... | * | * | * | * | * | 30.33 | − .12 | 54 | 51 | + 2 | N | 2 | c | * | * | * | * |
| Cape Gris Nez | 30.40 | 53 | ESE | 3 | o | 30.40 | | 52 | 50 | | NE | 4 | m | 2 | 59 | 50 | — |
| Jersey ... ... | 30.39 | 54 | E | 4 | om | 30.42 | .00 | 53 | 50 | − 1 | ENE | 4 | om | 3 | 58 | 52 | — |
| Brest ... ... | 30.34 | 53 | E | 5 | bc | 30.36 | + .02 | 52 | 51 | o | E | 4 | o | 3 | 68 | 50 | — |
| Lorient ... ... | ? | 55 | E | 7 | m | ? | ? | 51 | 48 | o | E | 5 | m | 2 | 61 | ? | — |
| Rochefort ... | 30.21 | 58 | ENE | 5 | b | 30.23 | .00 | 50 | 48 | − 5 | NE | 5 | bc | 2 | 73 | 46 | — |
| Biarritz ... ... | 30.17 | 61 | W | 3 | f | 30.08 | − .09 | 61 | 57 | − 1 | NE | 4 | o | 2 | 72 | 55 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.37 | − .08 | 50 | 48 | − 1 | SW | 1 | o | * | 54 | 48 | — |
| Charleville ... | ? | 52 | E | 7 | o | ? | ? | 48 | 44 | − 5 | ENE | 3 | o | * | 57 | 48 | — |
| Paris ... ... | 30.36 | 54 | NE | 3 | o | 30.40 | − .02 | 51 | 48 | − 3 | NE | 4 | o | * | * | * | — |
| Lyons ... ... | 30.28 | 52 | N | 1 | o | 30.29 | + .01 | 55 | 52 | + 5 | NNE | 1 | bc | * | 57 | 47 | — |
| Toulon ... ... | 30.13 | 64 | SE | 5 | b | 30.17 | + .03 | 57 | ? | − 5 | ESE | 4 | b | 2 | 70 | ? | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.14 | 52 | 49 | NW | 6 | o | 3 |
| Sumburgh Head | 30.28 | 50 | 47 | WNW | 5 | c | 5 |
| Stornoway ... | 30.42 | 55 | 52 | NNW | 2 | o | 1 |
| Aberdeen ... | 30.41 | 57 | 52 | NNW | 3 | b | 1 |
| Shields ... ... | 30.43 | 56 | 53 | NW | 3 | bc | 2 |
| Ardrossan ... | 30.49 | 53 | 50 | WSW | 3 | c | 3 |
| Mullaghmore ... | 30.55 | 47 | 47 | ESE | 1 | f | 1 |
| Holyhead... ... | 30.51 | 52 | 51 | NNE | 2 | f | 2 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 30.51 | 55 | 52 | NNW | 1 | cm | 2 |
| Scilly ... ... | 30.40 | 56 | 52 | E | 5 | o | 4 |
| Dover ... ... | 30.44 | 57 | 54 | ENE | 3 | bc | 2 |
| London ... | 30.46 | 53 | 50 | NE | 1 | og | * |
| Yarmouth ... | 30.46 | 53 | 50 | NNE | 1 | bc | 2 |
| Jersey... ... | 30.40 | 55 | 53 | ENE | 4 | om | 4 |
| Rochefort ... | 30.21 | 68 | 60 | ENE | 7 | b | 2 |

The barometer is rising again on our northern coasts, falling slightly in the SE. and S. The anticyclone's centre is now over Ireland, and northerly breezes are becoming general over England.

### EXPLANATION OF COLUMNS.

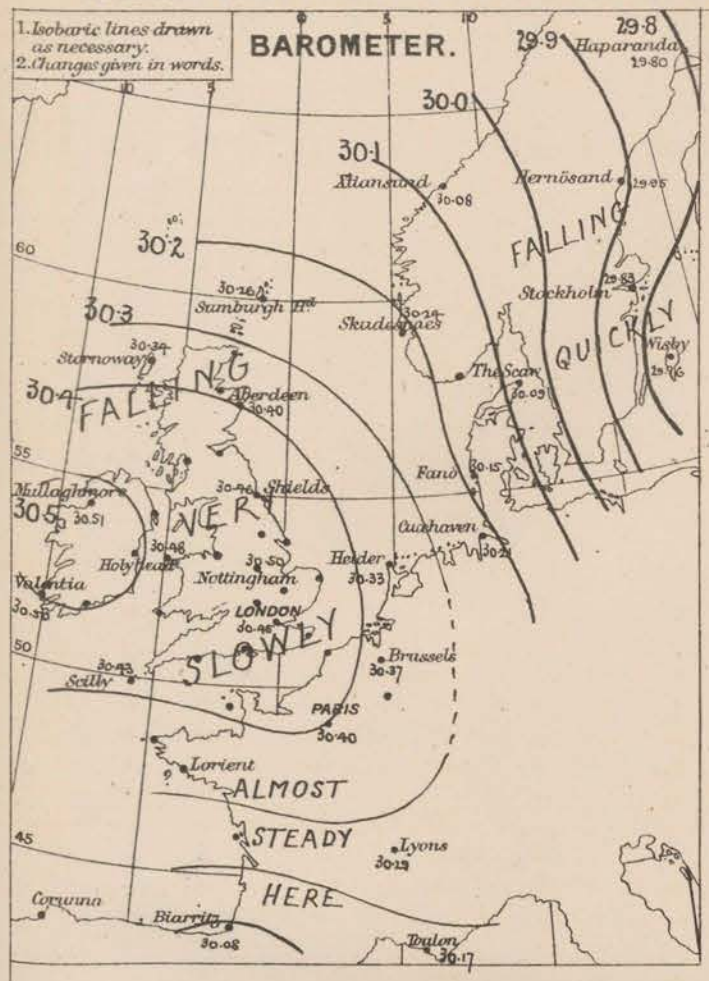
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

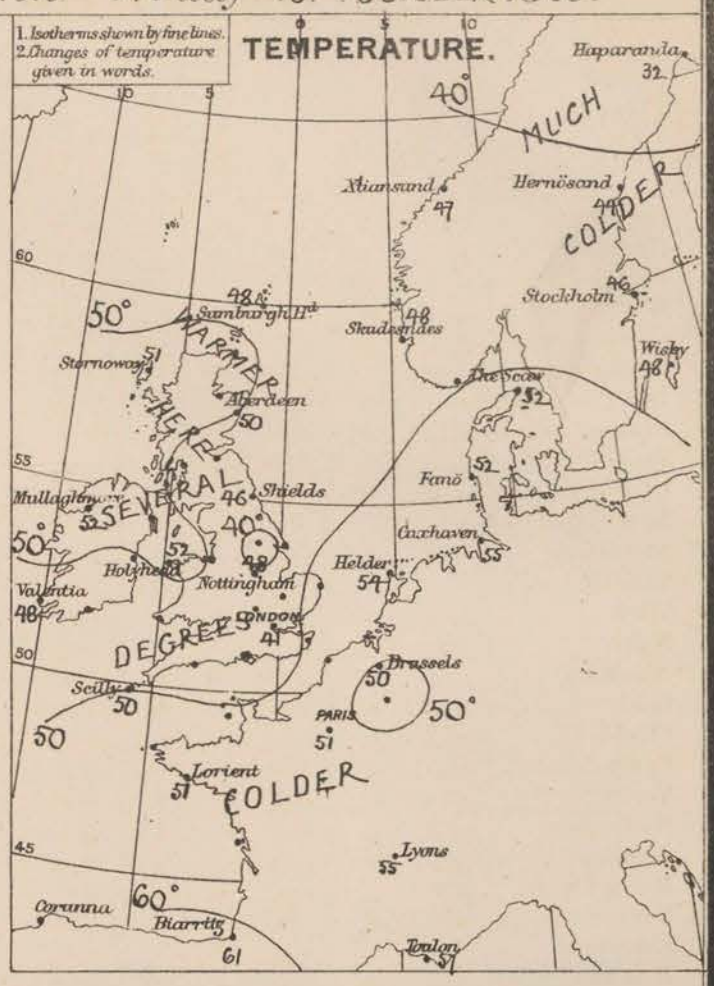
* AN ASTERISK is inserted in all places for which information is not usually received.

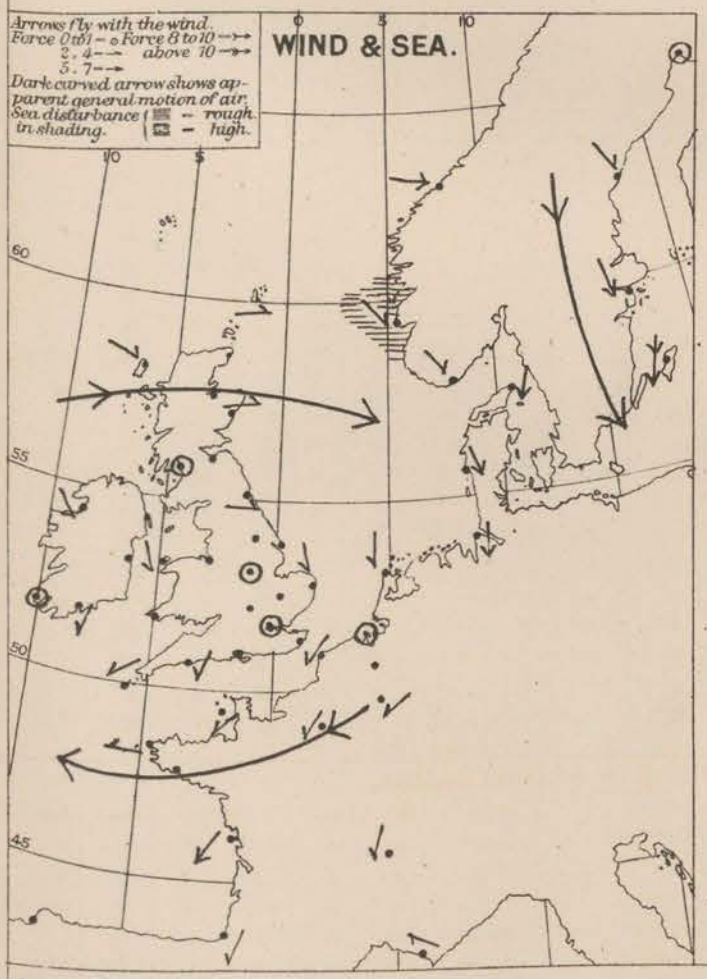
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

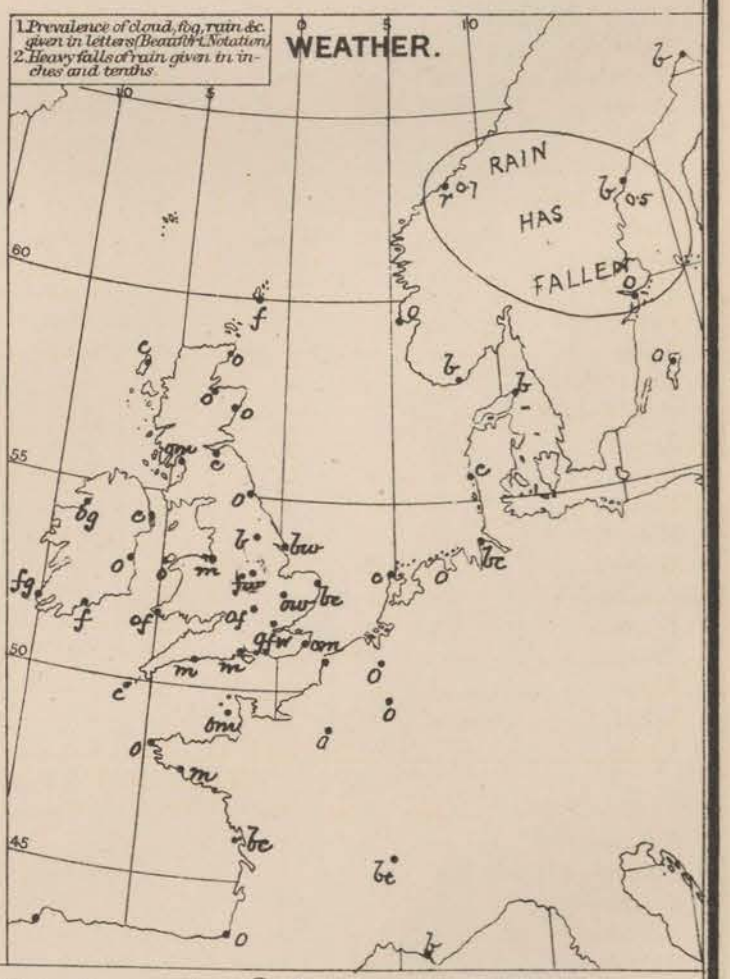
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Friday 10th October 1879.*




**REMARKS.** Weather is clear and bright this morning along our E^n coasts, overcast in Scotland, gloomy and foggy over nearly the whole of Ireland and England, hazy in the Channel. In London the fog is very wet – almost like fine rain. Temperature has fallen several degrees over England, and is now as low as 39° at York, and 41° in London, while it is 51° to 53° in the N. of Scotland, 50° at Scilly and 52° at Brest. The maximum during yesterday was very low except over our NE^n stations, where the thermometer rose to 60° or 62°. Wind has backed a little in the N. and is light from the W^d in that region, while it is NE^ly in the S. and over France. Calms prevail over Ireland, and N^ly airs over Central England. Sea is smooth generally.

Barometrical Indications. The centre of the anticyclone recently noted still lies over Ireland. The barometer is now falling in the far N, as though a new depression is approaching Norway from the W^d.

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Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

# DAILY WEATHER REPORT 11TH OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.89 | 32 | W | 2 | b | 29.98 | + .18 | 30 | 30 | − 2 | NE | 2 | o | * | 43 | 25 | — |
| Hernösand ... | 29.90 | 41 | NW | 2 | b | 30.01 | + .06 | 37 | 36 | − 7 | NW | 2 | c | * | 52 | ? | — |
| Stockholm ... | 29.97 | 42 | WNW | 2 | bc | 30.06 | + .28 | 40 | 39 | − 6 | NNE | 2 | b | * | 50 | ? | — |
| Wisby ... ... | 29.89 | 49 | NE | 8 | c | 29.99 | + .23 | 46 | 43 | − 2 | NNE | 8 | bc | * | 52 | 43 | — |
| Christiansund... | 30.07 | 45 | WSW | 4 | r | 29.97 | − .11 | 49 | 48 | + 2 | SW | 5 | r | 4 | ? | 37 | 0.28 |
| Skudesnaes ... | 30.14 | 50 | NW | 4 | r | 30.24 | .00 | 52 | 51 | + 4 | WNW | 5 | rf | 3 | ? | 48 | 0.55 |
| Oxö (Xtiansund) .. | 30.15 | 51 | W | 4 | o | 30.19 | + .06 | 47 | 45 | ? | NNW | 1 | c | 1 | 55 | 45 | 0.08 |
| Skagen (The Skaw) | 30.13 | 50 | NNW | 2 | o | 30.17 | + .08 | 51 | 47 | − 1 | W | 2 | b | 1 | 55 | ? | — |
| Fanö ... ... | 30.24 | 51 | NW | 4 | o | 30.21 | + .06 | 53 | 53 | + 1 | NNW | 4 | o | * | 55 | 48 | 0.08 |
| Cuxhaven ... | 30.28 | 55 | N | 6 | o | 30.27 | + .06 | 56 | 56 | + 1 | NNW | 6 | mw | * | ? | 52 | 0.02 |
| Sumburgh Head | 30.20 | 51 | WNW | 4 | o | 30.27 | + .01 | 52 | 49 | + 4 | WNW | 6 | o | 6 | 52 | 47 | 0.05 |
| Stornoway ... | 30.38 | 52 | WNW | 4 | o | 30.43 | + .09 | 50 | 49 | − 1 | L | o | o | o | 55 | 47 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.34 | 51 | NW | 1 | bc | 30.41 | + .08 | 47 | 46 | − 4 | SSW | 1 | c | o | 52 | 43 | — |
| Nairn ... ... | ? 30.35 | 52 | W | 2 | b | 30.45 | + .06 | 47 | 45 | − 6 | W | 1 | c | r | 60 | 47 | — |
| Aberdeen ... | 30.37 | 56 | NW | 1 | b | 30.44 | + .04 | 44 | 43 | − 6 | W | 1 | bw | o | 64 | 41 | — |
| Leith ... ... | 30.40 | 54 | WSW | 2 | b | 30.52 | + .09 | 46 | 45 | − 1 | W | 2 | b | * | 59 | 37 | — |
| Shields ... ... | 30.42 | 53 | W | 2 | o | 30.49 | + .03 | 51 | 50 | + 5 | WSW | 1 | om | 1 | ? 58 | ? 44 | 0.02 |
| Spurn Head .. | 30.44 | 51 | SE | 1 | bc | 30.48 | + .04 | 47 | 47 | 0 | W | 2 | fw | 1 | 56 | 45 | — |
| York ... ... | 30.45 | 53 | S | 1 | b | 30.46 | − .01 | 43 | 43 | + 4 | NW | 1 | b | * | 62 | 38 | — |
| Nottingham ... | 30.49 | 49 | L | o | b | 30.55 | + .05 | 44 | 44 | − 1 | L | o | f | * | 56 | 40 | — |
| Ardrossan ... | 30.45 | 52 | NW | 3 | o | 30.50 | + .04 | 50 | 48 | + 3 | WNW | 4 | o | 3 | 55 | 46 | — |
| Mullaghmore ... | 30.51 | 52 | N | 2 | o | 30.54 | + .03 | 48 | 47 | − 4 | ESE | 3 | og | 2 | 54 | 47 | — |
| Donaghadee ... | 30.51 | 53 | NNE | 3 | o | 30.54 | + .05 | 50 | 50 | − 1 | NW | 2 | o | 1 | 55 | 49 | — |
| Kingstown ... | 30.51 | 52 | NNW | 3 | o | 30.54 | + .02 | 51 | 49 | + 2 | NW | 3 | og | 3 | 54 | 46 | — |
| Holyhead ... | 30.45 | 53 | N | 2 | o | 30.53 | + .05 | 53 | 51 | + 1 | NNW | 3 | m | 2 | 57 | 51 | — |
| Liverpool (Bidston) | 30.48 | 50 | NNW | 1 | m | 30.53 | + .06 | 51 | 50 | + 1 | N | 1 | o | 1 | 51 | 50 | — |
| Valentia ... ... | 30.49 | 48 | NW | 1 | f | 30.52 | + .02 | 45 | 44 | − 3 | NE | 1 | m | 1 | 54 | 45 | — |
| Roche's Point... | 30.49 | 47 | NE | 3 | m | 30.51 | .00 | 50 | 48 | + 6 | NE | 3 | o | 3 | 51 | 44 | — |
| Pembroke ... | 30.46 | 51 | NNW | 2 | b | 30.51 | + .04 | 50 | 49 | + 3 | ENE | 1 | of | 1 | 55 | 47 | — |
| Scilly ... ... | 30.42 | 53 | NE | 3 | o | 30.46 | + .03 | 57 | 54 | + 7 | E | 4 | om | 3 | 57 | 50 | — |
| Prawle Point ... | 30.43 | 49 | NE | 3 | m | 30.48 | + .04 | 52 | 52 | + 4 | NNE | 3 | m | 3 | 53 | 47 | — |
| Hurst Castle ... | 30.46 | 47 | NNE | 1 | m | 30.52 | + .06 | 45 | 45 | − 2 | NE | 3 | bw | 2 | 48 | 44 | — |
| Dover ... ... | 30.45 | 55 | NE | 3 | bc | 30.51 | + .09 | 54 | 51 | + 4 | NE | 2 | bc | 1 | 58 | 49 | — |
| London ... ... | 30.48 | 54 | ENE | 1 | o | 30.52 | + .07 | 43 | 42 | + 2 | L | o | gfw | * | 58 | 41 | — |
| Oxford ... ... | 30.49 | 47 | NNW | 1 | f | 30.54 | + .06 | 40 | 40 | − 4 | L | o | f | * | 51 | 40 | 0.01 |
| Cambridge ... | 30.46 | 50 | N | 1 | b | 30.53 | + .09 | 42 | 41 | − 5 | N | 1 | of | * | 59 | 39 | — |
| Yarmouth ... | 30.46 | 53 | N | 1 | bc | 30.50 | + .07 | 46 | 46 | − 6 | WNW | 2 | bf | 3 | 55 | 43 | — |
| The Heider ... | * | * | * | * | * | 30.41 | + .08 | 55 | 53 | + 1 | NW | 3 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.42 | 54 | E | 4 | c | 30.49 | + .07 | 54 | 50 | + 1 | E | 3 | b | 3 | 58 | 51 | — |
| Brest ... ... | 30.35 | 51 | E | 4 | b | 30.39 | + .03 | 49 | 46 | − 3 | E | 4 | b | 2 | 64 | 48 | — |
| Lorient ... ... | ? | 56 | E | 5 | m | ? | ? | 50 | 48 | − 1 | E | 7 | m | 2 | 59 | 48 | — |
| Rochefort ... | 30.27 | 53 | NE | 7 | b | 30.26 | + .03 | 49 | 48 | − 1 | ENE | 5 | m | 2 | ? | 43 | — |
| Biarritz ... ... | 30.18 | 61 | NNE | 3 | o | 30.19 | + .11 | 57 | 55 | − 4 | NE | 1 | m | 2 | 64 | 55 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... .. | * | * | * | * | * | 30.49 | + .12 | 49 | 46 | − 1 | L | o | f | * | 56 | 44 | — |
| Charleville ... | ? | 51 | NNE | 3 | o | ? | ? | 44 | 40 | − 4 | NNE | 1 | b | * | 56 | 36 | — |
| Paris ... ... | 30.42 | 53 | NE | 3 | o | 30.48 | + .08 | 48 | 44 | − 3 | NE | 3 | b | * | * | * | — |
| Lyons ... ... | 30.31 | 50 | N | 1 | o | 30.32 | + .03 | ? | 46 | ? | NW | 1 | o | * | 60 | 47 | — |
| Toulon ... ... | 30.10 | 65 | W | 3 | b | 30.14 | − .03 | 60 | 57 | + 3 | E | 4 | o | 2 | 70 | 54 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.19 | 49 | 47 | W | 2 | of | 2 | Valentia .. | 30.49 | 53 | 51 | SSW | 1 | om | 1 |
| Sumburgh Head | 30.20 | 52 | 51 | W | 4 | o | 4 | Scilly . ... | 30.43 | 55 | 52 | ENE | 3 | c | 2 |
| Stornoway ... | 30.36 | 53 | 53 | NW | 5 | o | 4 | Dover ... ... | 30.42 | 57 | 53 | NE | 3 | bc | 1 |
| Aberdeen ... | 30.36 | 58 | 55 | S | 1 | bc | 1 | London | 30.45 | 57 | 52 | ENE | 1 | og | 2 |
| Shields ... ... | 30.42 | 58 | 56 | W | 2 | b | 1 | Yarmouth ... | 30.44 | 55 | 52 | N | 1 | c | 3 |
| Ardrossan ... | 30.45 | 54 | 52 | WNW | 3 | o | 2 | Jersey... .. | 30.42 | 55 | 52 | ENE | 3 | bm | 3 |
| Mullaghmore .. | 30.51 | 54 | 51 | WNW | 2 | om | 2 | Rochefort ... | 30.29 | 67 | 59 | NE | 7 | b | 2 |
| Holyhead... ... | 30.45 | 54 | 52 | N | 2 | o | 2 | | | | | | | | |

No important change.

### EXPLANATION OF COLUMNS.

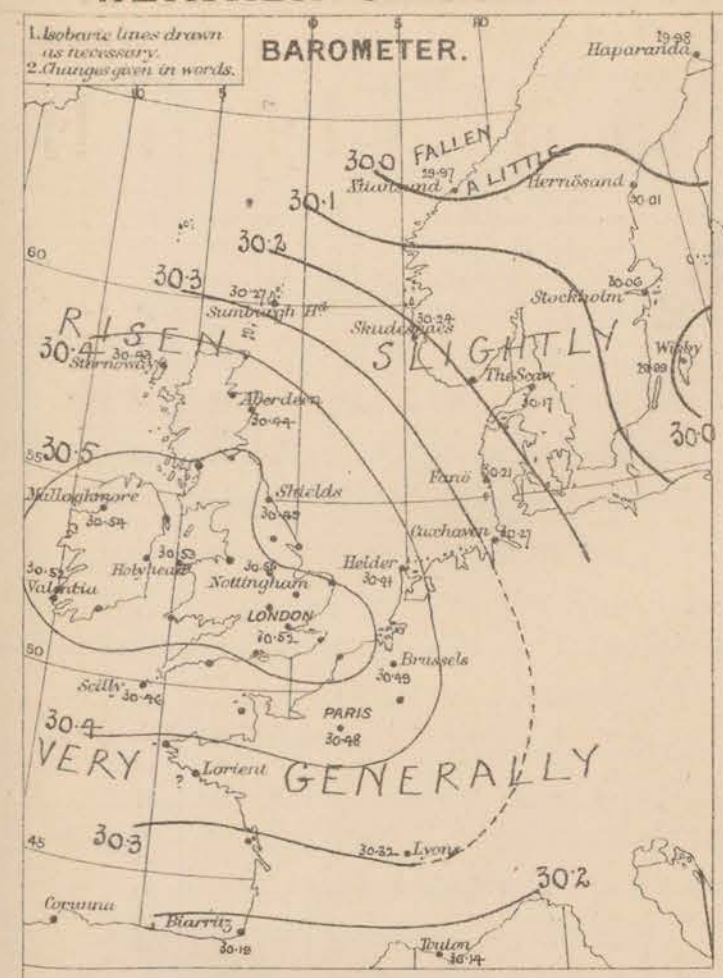
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

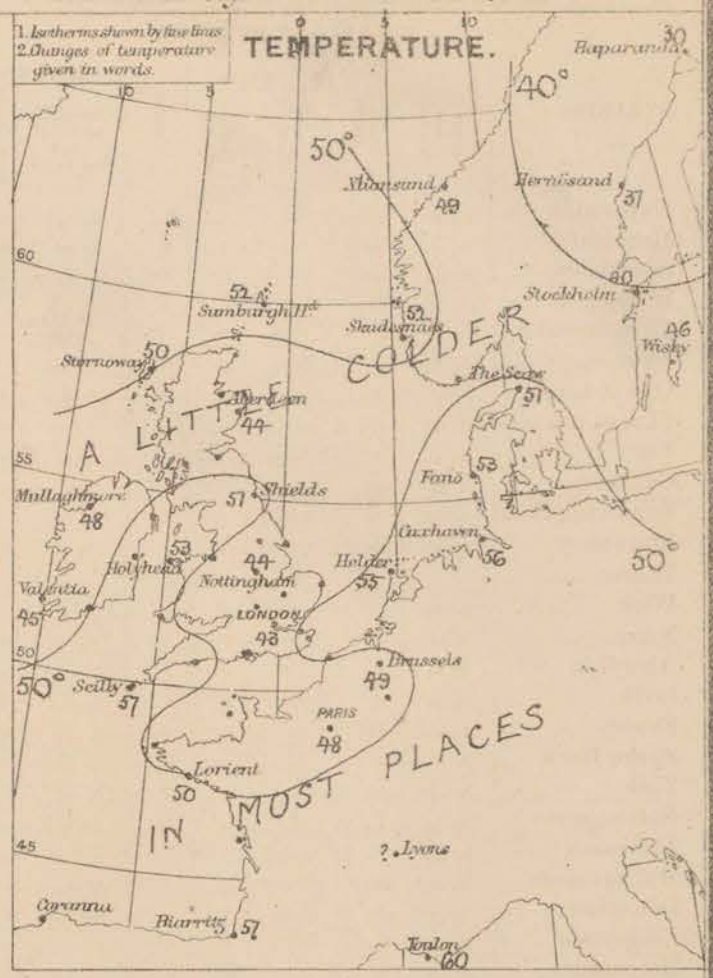
* AN ASTERISK is inserted in all places for which information is not usually received.

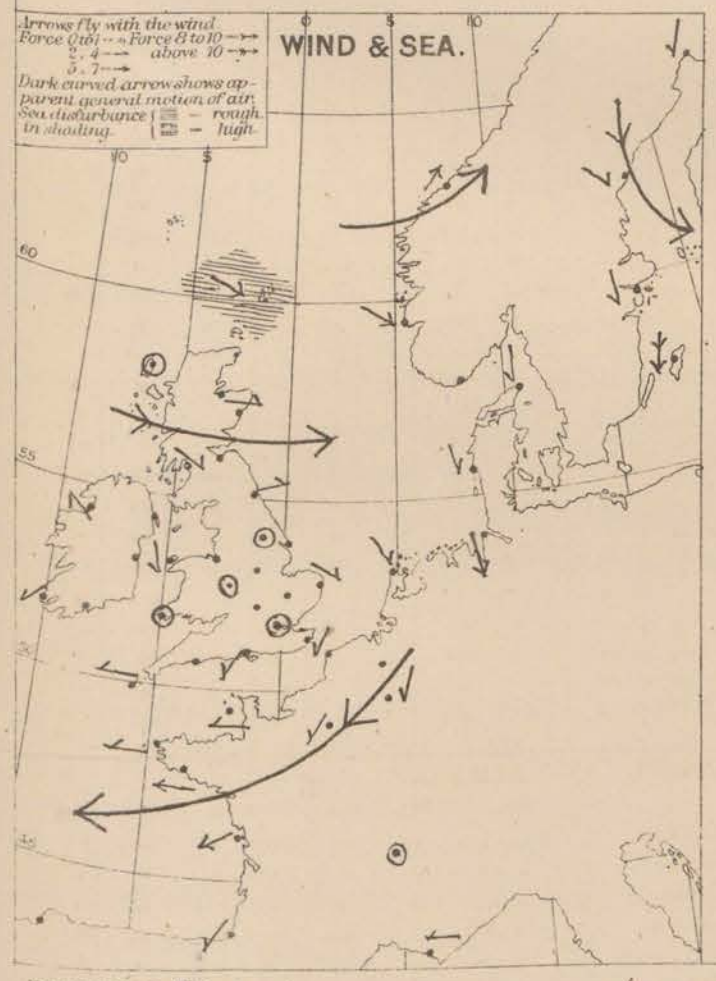
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

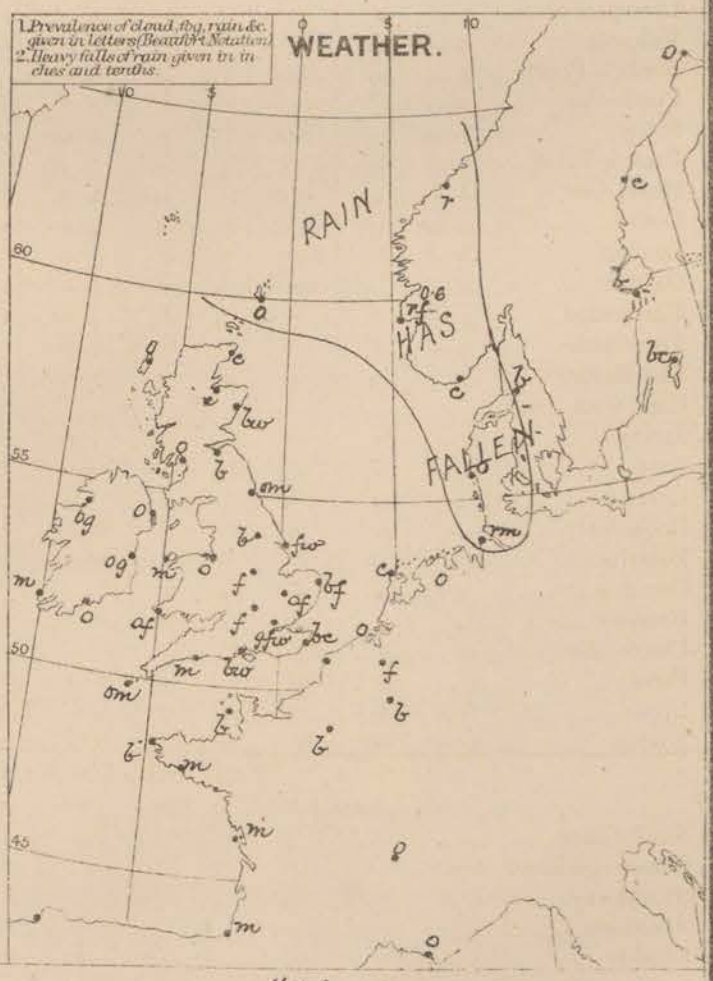
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Saturday 11th October 1879.*




**REMARKS.** Weather has undergone scarcely any change whatever since yesterday. We have still a moderately clear sky reported in the NE^n districts, but fog and gloom elsewhere. No rain has fallen over the United Kingdom in the past 24 hours, but a considerable quantity is reported from the W. of Norway. Temperature remains low generally, the present readings over central England vary from 40° to 43°, while at Sumburgh Head the reading is 52° and at Scilly 57°. Wind is light from E. and NE in the S^n districts, and from W. in the far N, while calms and variable airs prevail over the Kingdom generally. Over the Bay of Biscay the wind is still rather strong from the E^ward. Sea is smooth except in the far N.

Barometrical Indications. The anticyclone recently noticed is extending rather more to the E^ward, so that at most of the central English as well as at the Irish stations the barometer stands at rather above 30·5 ins. There is no sign of any important change at present.


Subscription for these Charts payable in advance to avoid delivery. | Delivery by hand 10/- per quarter. " book post 6/- " "

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary

# SUMMARY OF WEATHER IN WESTERN EUROPE

*from* OCTOBER 5TH *to* OCTOBER 11TH 1879.

*(Issued Weekly as a Supplement to the "Daily Weather Report.")*

Weather during this week has been exceedingly quiet. A rather brisk fall was reported on Sunday morning in the south of Ireland, with a SE. gale at Valentia, but the anticyclone which lay over Great Britain, the North Sea and the Netherlands subsequently spread out over the whole of these Islands and their neighbourhood, so that while E. winds of moderate strength prevailed over France, and NW. winds over Scandinavia; very light breezes or calms were reported from our stations. The sky though cloudy and foggy during the mornings and evenings was clear and bright generally during the early part of the week, but towards the close, the fog and gloom lasted throughout the whole day. Scarcely any rain has fallen. Temperature has been rather low, but particularly so on Friday and Saturday.

## SUNDAY OCT. 5TH.

Weather threatening in S. Ireland, and dull any rainy in the extreme N. and over Scandinavia, very fine elsewhere. Mist in several places. Weather fine in nearly all places during day, the only rain reported being from Holyhead and Kingstown

Temperature has fallen briskly over NE. and central England, rises in most places, readings ranging from 47° at Stornoway and Shields to 55° at Wick and 58° at Scilly. Maxima between 55° and 65°.

Wind E. over France, SE. on our W. coasts, and W. in the N. and on the E. shores of the North Sea. Blowing freshly in the SW. and W. and reaching a gale at Valentia. Little change later, but cessation of gale.

Sea high at Valentia, moderate to smooth elsewhere.

Barometer rising at our N. and E. stations, and the countries to the E. of the North Sea, falling on our W. and SW. coasts, briskly at Valentia. Rising at all stations later. Anticyclone over British Isles.

## MONDAY OCT. 6TH.

Weather dry in all part of Western Europe except Christiansund, fine and bright in most places, but with a good deal of cloud and mist over England. Exceedingly fine all day, but heavy dew and fog at night.

Temperature fallen in N. and NW. as well as over the Netherlands, rises elsewhere. Readings ranging from 41° at Leith, to 52° at Stornoway and 58° at Scilly. Maxima between 60° and 65°, except at some N. and NW. stations.

Wind E. in the S. and W. in the N., with calms in the intervening space. Blowing freshly in the S., but light on all our other coasts. Little change later.

Sea moderate to smooth, except at Scilly.

Barometer rising, except over France. Large anticyclone still shown over these Islands, the North Sea and Netherlands, with low readings over the Gulf of Bothnia and N. Spain. No change during day.

## TUESDAY OCT. 7TH.

Weather overcast or cloudy on the E. shores of the North Sea, fine over the rest of Western Europe, though with a great deal of fog and mist over England. Very fine all day.

Temperature fallen a little in most places, readings low at the N. and Central stations, ranging from 40° at Aberdeen to 51° in the Shetlands and 57° at Scilly. Maxima between 55° and 65°.

Wind E. in the S. and W. in the N. Strong over the W. half of the Channel and Bay of Biscay, but very light on most of our coasts. Little change later.

Sea slight or smooth except at Scilly, where it was rather rough

Barometer rising slowly over the whole of Western Europe. Large anticyclone lying over these Islands, the North Sea, North Germany, and the NE. of France. Pressure increasing all day.

## WEDNESDAY OCTR 8TH

Weather still fine over the greater part of Western Europe, but sky overcast in Scotland, with rain in Norway. A great deal of fog and mist over England. Weather rather dull all day, but no rain falling.

Temperature rises slightly in the N., falls a little in the W., and changes irregularly elsewhere. Readings ranging from 45° at York to 50° in N. Scotland and 56° at Scilly. Maxima low, below 60° at most stations, and below 50° at Leith & Nottingham.

Wind still E. in the S. and W. in the N. — fresh or strong in force in the S., light elsewhere. Little change during the day.

Sea slight or smooth on nearly all coasts.

Barometer still rising slowly in all places. Anticyclone still lying over these Islands and the North Sea, and scarcely any change taking place during the day.

## THURSDAY OCTR 9TH

Weather rather cloudy or dull in most places with a great deal of fog and mist in the W. and S. Cloudy and foggy generally during the day, but no rain falling.

Temperature fallen a little at most stations, ranging from 38° at Aberdeen, to 52° in the Shetlands and 55° at Scilly. Maxima again very low, below 60° except at a few NE. stations.

Wind still E. (NE to SE) in the S. and W. (SW to NW) in the N., light in force on most of our coasts, strong over France and Norway. Winds veering towards N. at most of our stations later.

Sea rough near the Shetlands, slight or ~~smooth~~ elsewhere.

Barometer rising in Ireland and the W. of England, falling elsewhere — quickly at Christiansund. Anticyclone still shown over us, but centre moving W.rd over Ireland.

## FRIDAY OCTR 10TH

Weather cloudy or dull over the whole of these Islands, and their neighbourhood, with much mist and fog in the S. Weather cloudy but dry all day. No rain falling within these Islands.

Temperature rises a little in Scotland, falls elsewhere. Readings ranging from 39° at York and 41° in London to 53° at Nairn and 55° at Scilly. Maxima a little above 60° at York, Aberdeen and Nairn between 50° and 60° elsewhere.

Wind W. on our W. coast, N. on the eastern shores of the North Sea, and NE. to E. over France. Light on our coasts, but fresh over North Germany and the Bay of Biscay. Wind veering to NW. in Scotland.

Sea slight to smooth on our coasts.

Barometer falling quickly over Sweden, and very slowly over these Islands, almost unchanged elsewhere. Anticyclone still shown over us with its centre over Ireland. Pressure decreasing a little in NE. during day.

## SATURDAY OCTR 11TH

Weather locally fine in a few places, but generally cloudy or dull with much fog and mist. Rain in Norway. Weather foggy and rather dull over these Islands all day, but no rain.

Temperature fallen in nearly all places, readings ranging from 40° at Oxford to 52° in the Shetlands and 57° at Scilly — low over the whole of Central England. Maxima between 55° and 60° generally.

Wind moderate to fresh from E. over France, the Channel and over S. stations, light from W. in the N., and fresh from N. on the eastern shores of the North Sea.

Sea slight or smooth.

Barometer rising slowly in nearly all places. Anticyclone still holding over these Islands and their neighbourhood with comparatively low pressures reported from the Mediterranean and Lapland. Scarcely any change during day.

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*Meteorological Office,*
116, *Victoria Street, Westminster, S.W.,*
ROBERT H. SCOTT, Secretary.

# DAILY WEATHER REPORT 12th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29·78 | 33 | NE | 2 | o | 29·78 | − ·20 | 32 | 30 | + 2 | NE | 2 | bc | * | 34 | 30 | 0·32 |
| Hernösand ... | 29·77 | 47 | SW | 2 | r | 29·78 | − ·23 | 44 | 40 | + 7 | N | 6 | o | * | 48 | 30 | 0·08 |
| Stockholm ... | 29·91 | 47 | NNE | 2 | o | 29·80 | − ·26 | 49 | 46 | + 9 | Z | o | bc | * | ? | 37 | — |
| Wisby ... ... | 29·98 | 50 | NNW | 6 | o | 29·90 | − ·09 | 51 | 50 | + 5 | NW | 6 | o | * | 52 | 43 | — |
| Christiansund... | 29·98 | 49 | N | 9 | r | 30·07 | + ·10 | 47 | 44 | − 2 | W | 8 | o | 6 | 50 | 41 | 0·95 |
| Skudesnaes ... | 30·24 | 52 | WNW | 5 | r | 30·24 | ·00 | 52 | 49 | o | NW | 6 | o | 3 | 52 | 52 | 0·08 |
| Oxö (Xtiansund) ... | 30·13 | 55 | N | 6 | c | 30·15 | − ·04 | 54 | 50 | + 7 | NSW | 6 | c | 2 | 61 | ? | — |
| Skagen (The Skaw) | 30·07 | 54 | WNW | 6 | b | 30·04 | − ·13 | 54 | 50 | + 3 | NW | 6 | o | 5 | 55 | 48 | — |
| Fanö ... ... | 30·28 | 52 | NW | 6 | o | 30·25 | + ·04 | 53 | 51 | o | NW | 6 | c | * | 55 | 50 | — |
| Cuxhaven ... | 30·35 | 55 | N | 6 | o | 30·34 | + ·07 | 55 | 54 | − 1 | NNW | 6 | og | * | ? | 52 | — |
| Sumburgh Head | 30·33 | 50 | WNW | 5 | o | 30·32 | + ·05 | 50 | 48 | − 2 | WNW | 4 | bc | 5 | 53 | 47 | 0·01 |
| Stornoway ... | 30·46 | 51 | WNW | 1 | o | 30·44 | + ·01 | 49 | 45 | − 1 | W | 2 | o | 1 | 52 | 47 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30·46 | 51 | NW | 4 | o | ? 30·48 | + ·07 | 50 | 48 | + 3 | SW | 2 | o | 0 | 54 | 45 | — |
| Nairn ... ... | 30·48 | 50 | Z | o | b | 30·49 | + ·04 | 47 | 45 | o | Z | o | c | 1 | 56 | 46 | — |
| Aberdeen ... | 30·48 | 53 | Z | o | bc | 30·48 | + ·04 | 45 | 46 | + 4 | NW | 2 | o | 1 | 58 | 43 | — |
| Leith ... ... | 30·47 | 50 | W | 2 | b | 30·49 | − ·03 | 46 | ? | o | NSW | 2 | o | * | 59 | 40 | — |
| Shields ... ... | 30·47 | 51 | W | 2 | b | 30·53 | + ·04 | 50 | 50 | − 1 | NW | 1 | om | 1 | 59 | 46 | — |
| Spurn Head ... | 30·4 | 50 | SW | 3 | m | 30·50 | + ·02 | 47 | 46 | o | WSW | 3 | om | 0 | 53 | 46 | — |
| York ... ... | 30·49 | 50 | SW | 1 | b | 30·53 | + ·07 | 45 | 45 | + 2 | NW | 1 | o | * | 54 | 39 | — |
| Nottingham ... | 30·52 | 49 | Z | o | o | 30·56 | + ·01 | 48 | 47 | + 4 | Z | o | o | * | 55 | 40 | — |
| Ardrossan ... | 30·50 | 52 | WNW | 3 | o | 30·50 | ·00 | 48 | 45 | − 2 | WNW | 1 | o | 1 | 55 | 47 | — |
| Mullaghmore ... | 30·53 | 49 | SE | 2 | o | 30·53 | − ·01 | 47 | 46 | − 1 | Z | o | m | 0 | 49 | 46 | — |
| Donaghadee ... | 30·55 | 51 | N | 3 | c | 30·56 | + ·02 | 48 | 48 | − 2 | W | 2 | o | 1 | 53 | 47 | — |
| Kingstown ... | 30·56 | 50 | NNW | 1 | o | 30·56 | + ·02 | 47 | 47 | − 4 | WNW | 2 | om | 2 | 52 | 46 | 0·02 |
| Holyhead ... | 30·52 | 53 | N | 1 | o | 30·55 | + ·02 | 51 | 50 | − 2 | Z | o | f | 0 | 55 | 50 | — |
| Liverpool (Bidston) | 30·53 | 51 | WNW | 1 | o | 30·55 | + ·02 | 50 | 49 | 1 | NW | 1 | o | 1 | 52 | 49 | — |
| Valentia ... ... | 30·50 | 48 | Z | o | b | 30·51 | − ·01 | 51 | 49 | − 6 | Z | o | f | 1 | 57 | 44 | — |
| Roche's Point... | 30·51 | 53 | SE | 4 | m | 30·51 | ·00 | 53 | 51 | + 3 | ESE | 2 | m | 8 | 59 | 46 | — |
| Pembroke ... | 30·50 | 51 | NNE | 2 | bc | 30·53 | + ·02 | 50 | 49 | | ENE | 2 | o | 2 | 56 | 47 | — |
| Scilly ... ... | 30·45 | 57 | ENE | 5 | c | 30·46 | ·00 | 57 | 55 | o | E | 5 | c | 3 | 58 | 54 | — |
| Prawle Point ... | 30·47 | 54 | ENE | 4 | m | 30·48 | ·00 | 56 | 54 | + 4 | E | 3 | o | 3 | 61 | 52 | — |
| Hurst Castle ... | 30·51 | 54 | E | 3 | o | 30·54 | + ·02 | 43 | 43 | − 2 | NNE | 2 | fw | 2 | 56 | 43 | — |
| Dover ... ... | 30·51 | 53 | NNE | 1 | b | 30·54 | + ·03 | 49 | 48 | − 5 | NE | 2 | owf | 1 | 58 | 49 | — |
| London ... ... | 30·63 | 46 | Z | o | f | 30·54 | + ·02 | 44 | 44 | + 1 | Z | o | fw | * | 54 | 41 | — |
| Oxford ... ... | 30·53 | 46 | Z | o | f | 30·58 | + ·04 | 44 | 44 | + 4 | Z | o | f | * | 52 | ? 40 | 0·02 |
| Cambridge ... | 30·52 | 50 | N | 1 | o | 30·55 | + ·02 | 47 | 47 | + 5 | NW | 1 | ow | * | 53 | 40 | — |
| Yarmouth ... | 30·49 | 50 | Z | o | b | 30·53 | + ·03 | 48 | 47 | + 2 | Z | o | f | 2 | 58 | 45 | 0·01 |
| The Helder ... | * | * | * | * | * | 30·46 | + ·05 | 54 | 52 | − 1 | NW | 2 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30·44 | 54 | ENE | 5 | b | 30·49 | ·00 | 55 | 53 | + 1 | E | 4 | bm | 3 | 59 | 51 | — |
| Brest ... ... | 30·36 | 53 | ESE | 5 | b | 30·41 | + ·02 | 48 | 46 | − 1 | E | 4 | b | 3 | 66 | 45 | — |
| Lorient ... ... | ? | 56 | E | | b | ? | ? | 51 | 48 | + 1 | E | 7 | m | 2 | 59 | 48 | — |
| Rochefort ... | 30·25 | 57 | E | 5 | b | 30·29 | + ·03 | 49 | 46 | o | E | 7 | b | 5 | 72 | ? | — |
| Biarritz ... ... | 30·34 | 62 | E | 2 | bc | 30·24 | + ·05 | 55 | 54 | − 2 | E | 1 | m | 3 | 64 | 50 | — |
| Corunna ... ... | * | * | * | * | * | 30·15 | + ·03 | 59 | * | − 1 | Z | o | b | 1 | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30·52 | + ·03 | 51 | 50 | + 2 | Z | o | b | * | 55 | ? | — |
| Charleville ... | ? | 59 | NE | 1 | c | ? | ? | 54 | 49 | + 10 | ENE | 1 | o | * | 61 | 44 | — |
| Paris ... ... | 30·45 | 54 | NE | 1 | c | 30·50 | + ·02 | 59 | 55 | + 11 | ENE | 1 | o | * | * | * | — |
| Lyons ... ... | 30·34 | 50 | N | 1 | b | 30·43 | + ·11 | 42 | 42 | ? | NNE | 1 | f | * | 34 | 38 | — |
| Toulon ... ... | 30·20 | 60 | Z | o | b | 30·31 | + ·17 | 62 | 56 | + 2 | E | 3 | b | 2 | 68 | 55 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30·26 | 52 | 51 | NNW | 6 | r | 3 |
| Sumburgh Head | 30·30 | 51 | 50 | WNW | 5 | c | 5 |
| Stornoway ... | 30·46 | 52 | 50 | WNW | 2 | o | 1 |
| Aberdeen ... | 30·45 | 54 | 51 | NE | 1 | b | 1 |
| Shields ... ... | 30·46 | 56 | 54 | W | 2 | b | 1 |
| Ardrossan ... | 30·50 | 53 | 51 | WNW | 3 | o | 2 |
| Mullaghmore ... | 30·54 | 49 | 47 | ESE | 1 | ogm | 1 |
| Holyhead... ... | 30·55 | 54 | 52 | N | 2 | o | 1 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 30·50 | 53 | 50 | N | 2 | bm | 3 |
| Scilly ... ... | 30·46 | 58 | 55 | E | 5 | o | 4 |
| Dover ... ... | 30·52 | 56 | 53 | NE | 2 | bc | 1 |
| London ... | 30·52 | 54 | 52 | Z | o | f | * |
| Yarmouth ... | 30·48 | 58 | 54 | NW | 2 | bf | 2 |
| Jersey... ... | 30·46 | 59 | 52 | ENE | 5 | bm | 4 |
| Rochefort ... | 30·25 | 65 | 56 | ENE | 8 | b | 5 |

No important change.

### EXPLANATION OF COLUMNS.

**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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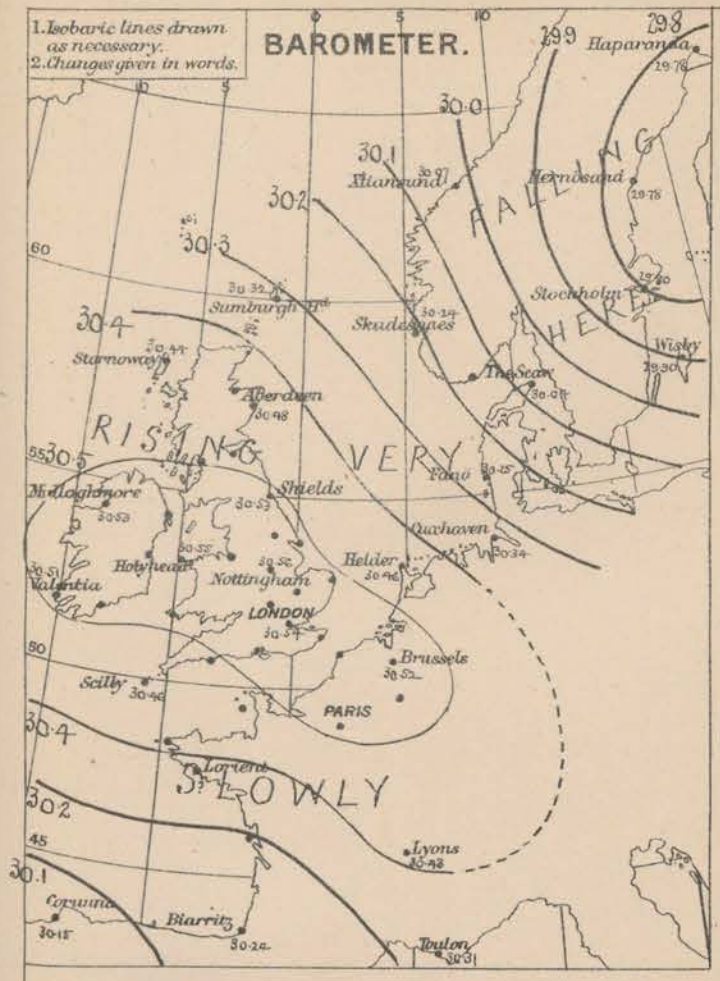
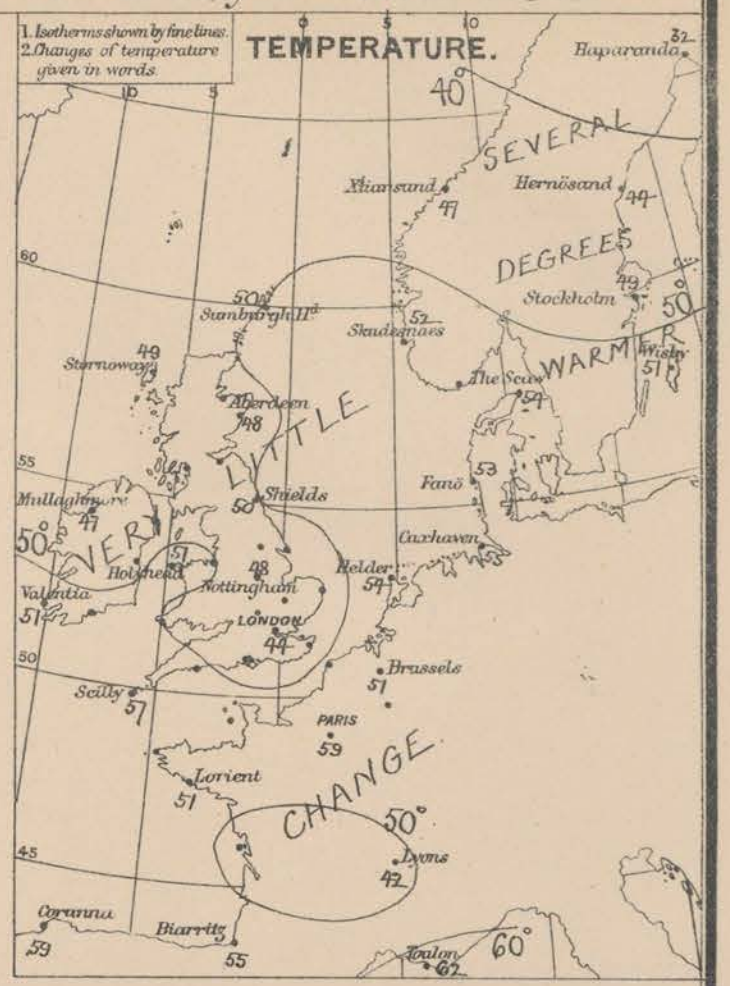
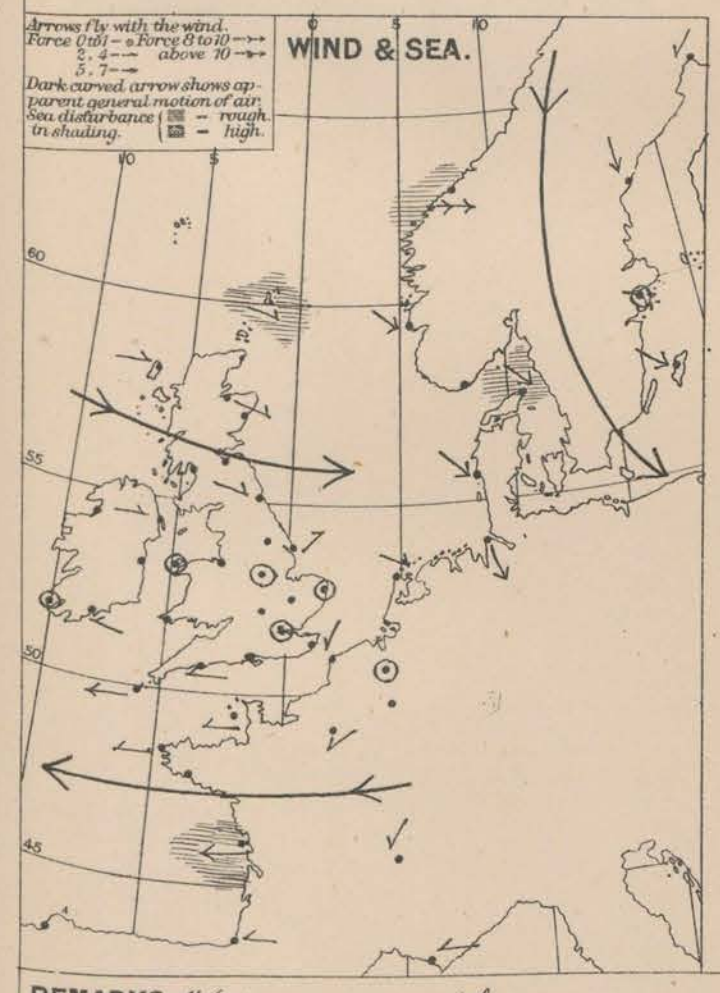
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

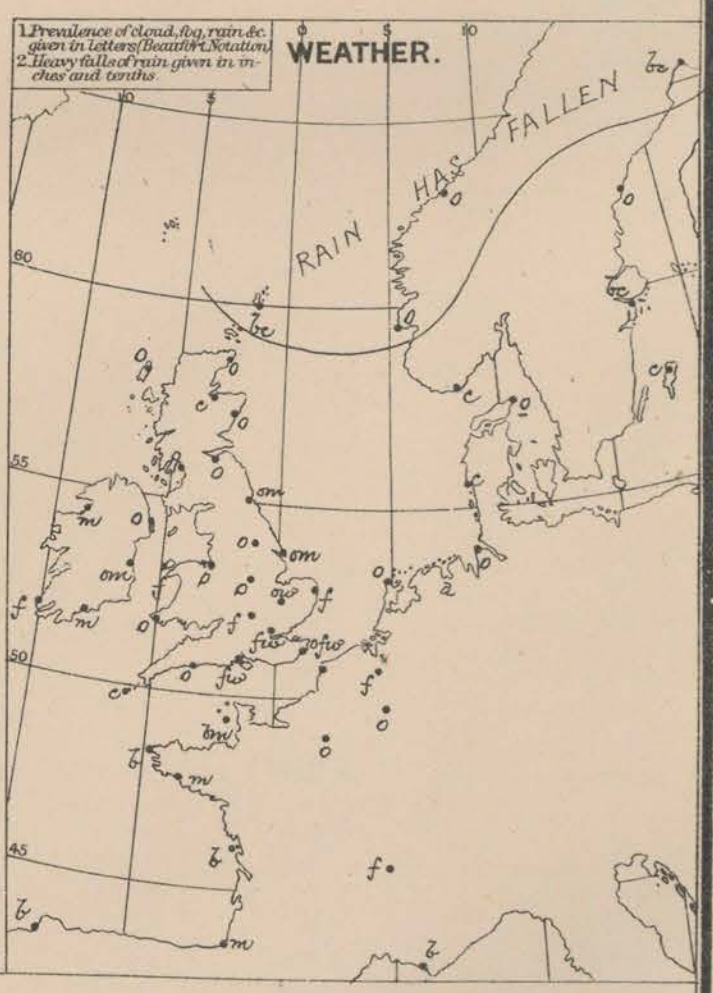
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Sunday 12TH OCTOBER 1879.*




**REMARKS.** Weather over the United Kingdom remains in a very quiet undisturbed state. In many places very wet fog is reported, and an appreciable quantity of water is deposited in the rain gauges, but there has been no actual rain at any of our stations for several days. Temperature remains low generally, readings ranging over these Islands from 43° at Hurst Castle, and 44° over Central England to 57° at Scilly. Wind is light from W. in the N. and very light from E. in the extreme S; over England calms and variable airs prevail, while in the countries to the E.ward of the North Sea strong W. and NW. breezes are general. Sea is smooth round our coast, but rather rough off the Shetlands, Ile d'Aix and the W. of Norway.

Barometrical Indications. We have still the anticyclone lying over our Islands, the barometer being above 30·5 ins. about its centre. The mercury is very unusually steady.


Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter. book post 6/- " "

Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

# DAILY WEATHER REPORT 13TH OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.81 | 30 | L | 0 | c | 29.47 | − .31 | 31 | 30 | − 1 | NE | 2 | o | * | 32 | 23 | — |
| Hernösand ... | 29.88 | 39 | L | 0 | o | 29.34 | − .44 | 45 | 43 | + 1 | SSW | 2 | o | * | 46 | 36 | — |
| Stockholm ... | 30.00 | 48 | WSW | 2 | b | 29.68 | − .12 | 45 | 44 | − 4 | SW | 4 | b | * | 34 | 39 | — |
| Wisby ... ... | 29.91 | 50 | NNW | 6 | b | 29.83 | − .07 | 46 | 45 | − 5 | W | 8 | o | * | 55 | 45 | — |
| Christiansund ... | 29.93 | 49 | W | 9 | r | ? 29.65 | − .42 | 49 | 46 | + 2 | NNE | 9 | be | 8 | ? | 41 | 0.63 |
| Skudesnaes ... | 30.23 | 49 | WNW | 6 | r | 29.98 | − .26 | 53 | 50 | + 1 | W | 6 | o | 4 | ? | 48 | 0.12 |
| Oxö (Xtiansund) ... | 30.16 | 51 | W | 5 | b | 29.93 | − .22 | 52 | 48 | − 2 | WSW | 7 | c | 4 | 59 | 48 | — |
| Skagen (The Skaw) | 30.10 | 53 | NW | 5 | b | 29.89 | − .15 | 52 | 48 | − 2 | WNW | 8 | b | 7 | 57 | 45 | — |
| Fanö ... ... | 30.20 | 51 | NW | 6 | c | 30.18 | − .07 | 53 | 49 | 0 | W | 6 | o | * | 58 | 48 | — |
| Cuxhaven ... | 30.39 | 55 | NNW | 5 | o | 30.31 | − .03 | 53 | 52 | − 2 | NW | 3 | o | * | ? | 50 | — |
| Sumburgh Head | 30.24 | 50 | WNW | 4 | o | 29.97 | − .35 | 51 | 51 | + 1 | WNW | 7 | r | 6 | 52 | 47 | 0.04 |
| Stornoway ... | 30.37 | 51 | SW | 4 | o | 30.23 | − .21 | 50 | 49 | + 1 | W | 5 | og | 4 | 51 | 47 | 0.02 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.46 | 49 | WNW | 2 | o | 30.18 | − .30 | 52 | 50 | + 2 | W | 4 | o | 2 | 52 | 48 | — |
| Nairn ... ... | 30.42 | 47 | W | 1 | b | 30.28 | − .21 | 50 | 47 | + 3 | S | 0 | c | 1 | 59 | 46 | — |
| Aberdeen ... | 30.43 | 48 | L | 0 | be | 30.27 | − .21 | 42 | 41 | − 6 | W | 3 | cw | 1 | 51 | 38 | — |
| Leith ... ... | 30.45 | 49 | WSW | 2 | c | 30.33 | − .16 | 49 | 46 | + 3 | WSW | 1 | be | * | 51 | 45 | — |
| Shields ... ... | 30.48 | 49 | W | 1 | dm | 30.37 | − .16 | 48 | 46 | − 2 | NW | 3 | c | 2 | 51 | 45 | 0.01 |
| Spurn Head ... | 30.49 | 49 | SW | 2 | o | 30.38 | − .12 | 49 | 48 | + 2 | SW | 4 | om | 3 | 50 | 47 | — |
| York ... ... | 30.50 | 50 | S | 1 | o | 30.39 | − .14 | 49 | 48 | + 4 | W | 2 | o | * | 52 | 44 | 0.01 |
| Nottingham ... | 30.52 | 52 | W | 1 | o | 30.42 | − .14 | 50 | 49 | + 2 | L | 0 | o | * | 57 | 48 | — |
| Ardrossan ... | 30.49 | 50 | WNW | 3 | o | 30.34 | − .16 | 50 | 47 | + 2 | WNW | 3 | o | 3 | 51 | 46 | — |
| Mullaghmore ... | 30.51 | 49 | SW | 1 | m | 30.44 | − .09 | 50 | 49 | + 3 | WNW | 3 | dgm | 2 | 50 | 47 | 0.01 |
| Donaghadee ... | 30.54 | 47 | SW | 1 | o | 30.45 | − .11 | 47 | 46 | − 1 | WSW | 3 | c | 2 | 52 | 46 | — |
| Kingstown ... | 30.56 | 50 | NW | 2 | o | 30.48 | − .08 | 49 | 48 | + 2 | W | 1 | om | 1 | 51 | 46 | 0.02 |
| Holyhead ... | 30.53 | 51 | L | 0 | o | 30.46 | − .09 | 50 | 49 | − 1 | NW | 2 | og | 1 | 54 | 49 | — |
| Liverpool (Bidston) | 30.52 | 51 | WNW | 1 | c | 30.44 | − .11 | 49 | 48 | − 1 | WNW | 2 | o | 1 | 53 | 49 | — |
| Valentia ... ... | 30.49 | 50 | L | 0 | o | 30.46 | − .05 | 54 | 52 | + 3 | L | 0 | o | 1 | 56 | 50 | — |
| Roche's Point ... | 30.50 | 52 | ESE | 4 | m | 30.47 | − .04 | 52 | 51 | − 1 | E | 2 | m | 3 | 56 | 47 | — |
| Pembroke ... | 30.50 | 51 | ESE | 1 | o | 30.43 | − .10 | 51 | 49 | + 1 | E | 1 | om | 1 | 53 | 49 | — |
| Scilly ... ... | 30.45 | 57 | E | 6 | c | 30.39 | − .07 | 57 | 55 | 0 | ENE | 4 | om | 2 | 60 | 55 | — |
| Prawle Point ... | 30.46 | 54 | ENE | 8 | m | 30.40 | − .08 | 52 | 52 | − 4 | NE | 3 | m | 3 | 57 | 51 | — |
| Hurst Castle ... | 30.46 | 53 | ENE | 1 | b | 30.44 | − .10 | 47 | 47 | + 4 | NNE | 2 | fm | 2 | 57 | 44 | — |
| Dover ... ... | 30.52 | 52 | NNE | 1 | o | 30.45 | − .09 | 50 | 49 | + 1 | N | 1 | of | 0 | 54 | 48 | — |
| London ... ... | 30.54 | 49 | L | 0 | fg | 30.46 | − .08 | 45 | 45 | + 1 | L | 0 | f | * | 49 | 44 | 0.01 |
| Oxford ... ... | 30.54 | 49 | L | 0 | f | 30.44 | − .14 | 44 | 44 | 0 | L | 0 | fb | * | 49 | 44 | 0.02 |
| Cambridge ... | 30.52 | 50 | NW | 1 | o | 30.43 | − .12 | 47 | 47 | 0 | SW | 1 | o | * | 52 | 46 | — |
| Yarmouth ... | 30.49 | 50 | L | 0 | f | 30.41 | − .12 | 48 | 47 | 0 | W | 1 | f | 2 | 51 | 46 | — |
| The Helder ... | * | * | * | * | * | 30.36 | − .10 | 53 | 51 | − 1 | WSW | 1 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.46 | 56 | ENE | 3 | b | 30.41 | − .08 | 50 | 50 | − 5 | E | 3 | of | 3 | 62 | 50 | — |
| Brest ... ... | 30.38 | 57 | ENE | 5 | b | 30.32 | − .09 | ? | ? | ? | SW | 3 | b | 1 | 68 | 45 | — |
| Lorient ... ... | ? | 61 | E | 5 | m | ? | ? | 52 | 50 | + 1 | E | 5 | m | 2 | 64 | 48 | — |
| Rochefort ... | 30.26 | 61 | E | 3 | b | 30.26 | − .03 | 50 | 49 | + 1 | E | 5 | b | 2 | ? | 45 | — |
| Biarritz ... ... | 30.23 | 67 | ESE | 3 | b | 30.23 | − .01 | 62 | 58 | + 7 | SW | 1 | b | 1 | 73 | 54 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.43 | − .09 | 53 | 50 | + 2 | N | 1 | f | * | 58 | ? | — |
| Charleville ... | ? | 56 | E | 1 | o | ? | ? | 51 | 47 | − 3 | SE | 1 | o | * | 60 | 51 | — |
| Paris ... ... | 30.47 | 57 | ENE | 1 | b | 30.44 | − .06 | 51 | 51 | − 8 | NE | 3 | f | * | * | * | — |
| Lyons ... ... | 30.43 | 50 | N | 1 | be | 30.43 | .00 | 44 | 44 | + 2 | NE | 1 | f | * | 63 | 40 | — |
| Toulon ... ... | 30.36 | 65 | SE | 1 | b | 30.32 | + .01 | 62 | 58 | 0 | L | 0 | b | 0 | 80 | ? | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.26 | 50 | 49 | WNW | 4 | o | 3 | Valentia ... | | | | | | | |
| Sumburgh Head | | | | | | | | Scilly ... ... | | | | | | | |
| Stornoway ... | | | | | | | | Dover ... ... | | | | | | | |
| Aberdeen ... | | | | | | | | London ... | | | | | | | |
| Shields ... ... | | | | | | | | Yarmouth ... | | | | | | | |
| Ardrossan ... | | | | | | | | Jersey ... ... | | | | | | | |
| Mullaghmore ... | | | | | | | | Rochefort ... | 30.27 | 73 | 62 | E | 5 | b | 2 |
| Holyhead... ... | | | | | | | | | | | | | | | |

### EXPLANATION OF COLUMNS.

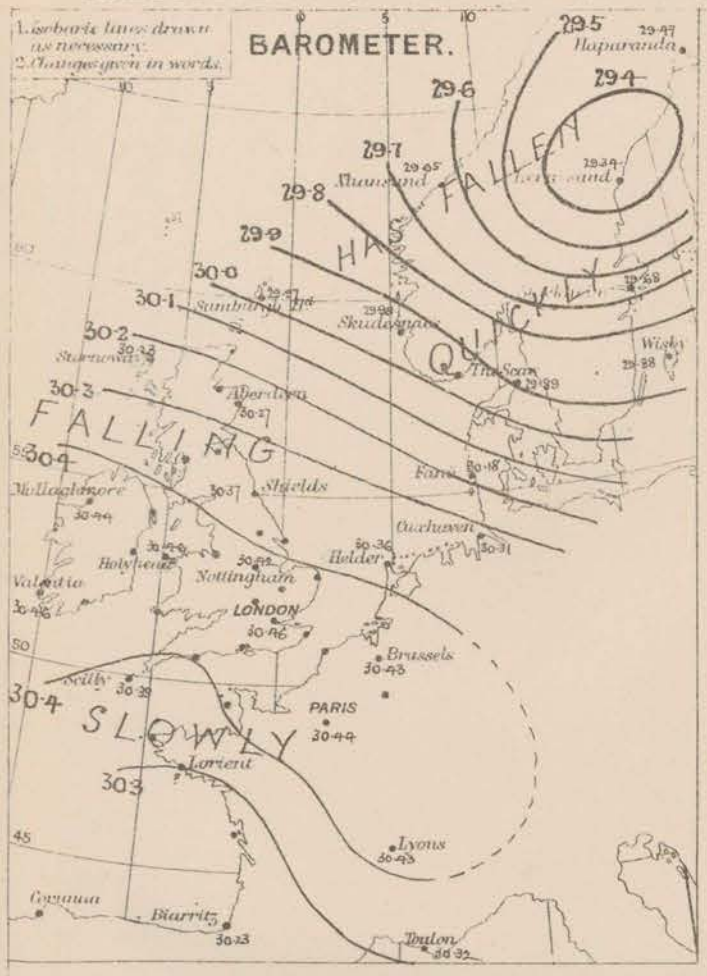
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

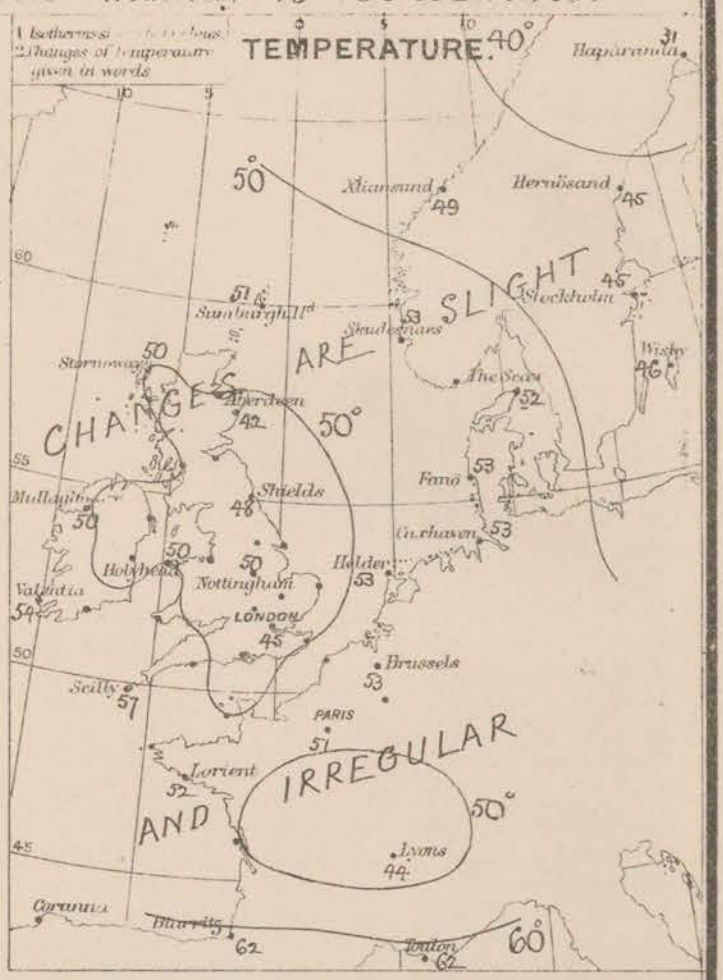
* AN ASTERISK is inserted in all places for which information is not usually received.

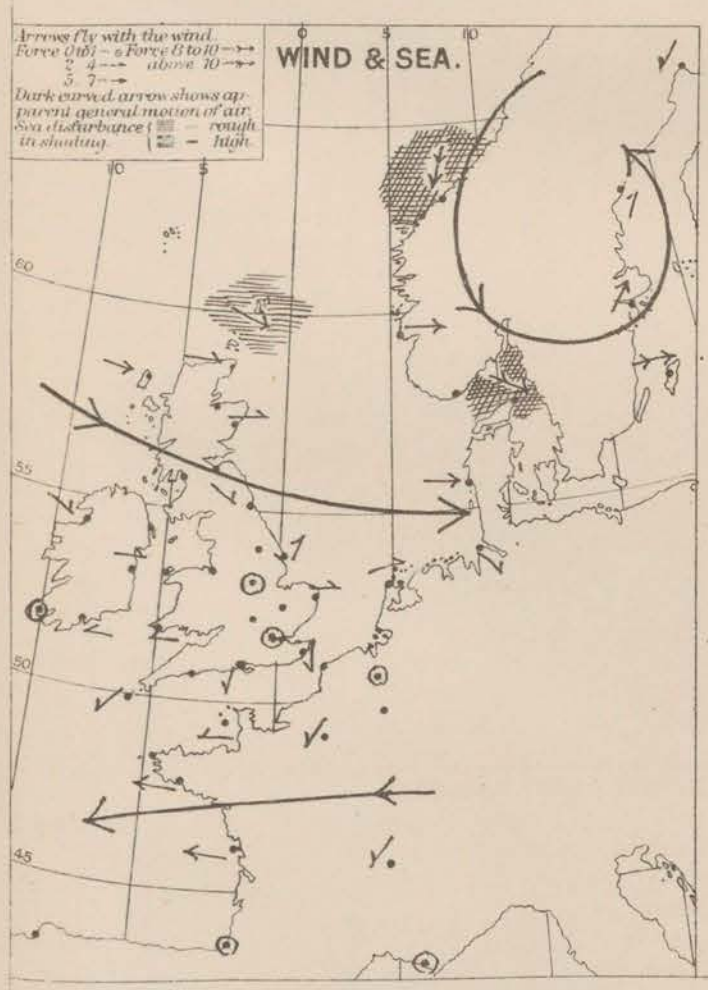
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

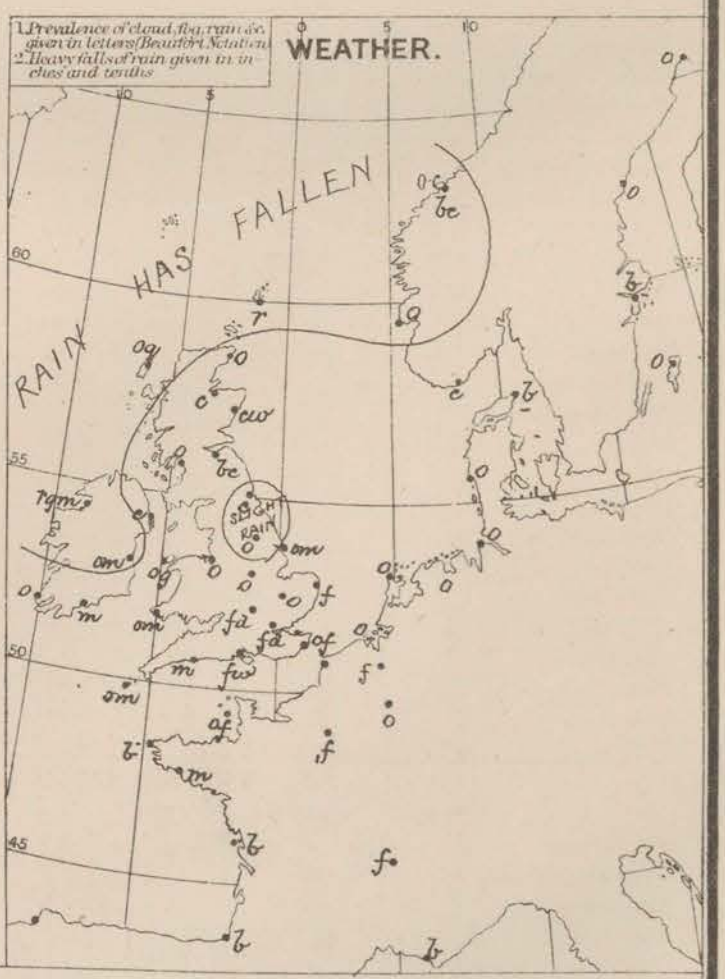
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 6 a.m. on Monday 13th October 1879.




**REMARKS.** Weather is cloudy or dull this morning in nearly all parts of W. Europe with rain at Sumburgh Head and Mullaghmore, a great deal of fog and mist over England and Ireland, and a glooming appearance in many places. Very slight falls of rain are reported from a few stations. Temperature has changed little and very irregularly. Readings vary from 44° at Oxford to 57° at Scilly and 52° at Wick, while in the countries to the E. of the North Sea they range from 31° at Haparanda to 53° in the S. of Norway and over Denmark. Maxima low generally, the highest point reached in London and Oxford being 49°. Wind is W. on our N. coasts, and E. in the S., while a N. gale is reported from Christiansund, and a W. gale in the Skagen Reef, and a SW. gale over the Baltic. In the extreme N. of Scotland the wind is fresh, but on all our other coasts it is very light. Sea is slight or smooth except at Sumburgh Head and Christiansund.

Barometrical Indications. Pressure is decreasing over the whole of W. Europe — quickly at all the more N. stations, slightly in the S. A well marked and rather deep depression has advanced over Scandinavia from the W.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Meteorological Office.
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DANGERFIELD LITH. 22 BEDFORD ST. COVEN GARDEN

# DAILY WEATHER REPORT 14th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | | | | | | | | | | | | | | * | | | |
| Hernösand ... | | | | | | | | | | | | | | * | | | |
| Stockholm ... | | | | | | | | | | | | | | * | | | |
| Wisby ... ... | | | | | | | | | | | | | | * | | | |
| Christiansund... | 29.70 | 36 | NE | 4 | c | 29.83 | + .18 | 38 | 35 | − 11 | NNW | 7 | osr | 7 | ? | 30 | 0.20 |
| Skudesnaes ... | 29.90 | 45 | NW | 8 | c | 29.92 | − .06 | 40 | 36 | − 13 | NNW | 2 | c | 8 | ? | ? | 0.12 |
| Oxö (Kristiansund) ... | 29.76 | 48 | WSW | 4 | b | 29.83 | − .10 | 42 | 37 | − 10 | NNW | 4 | b | 2 | 55 | 39 | — |
| Skagen (The Skaw) | 29.71 | 50 | WNW | 8 | b | 29.79 | − .10 | 45 | 37 | − 7 | NNW | 4 | b | 4 | 55 | 39 | — |
| Fanö ... ... | 29.93 | 54 | W | 6 | o | 29.88 | − .30 | 47 | 44 | − 6 | NW | 4 | o | * | 54 | 45 | 0.16 |
| Cuxhaven ... | 30.16 | 54 | WNW | 4 | o | 29.94 | − .37 | 53 | 52 | 0 | WNW | 5 | r | * | 54 | 50 | 0.02 |
| Sumburgh Head | 30.08 | 41 | N | 4 | c | 30.11 | + .14 | 39 | 38 | − 12 | N | 4 | be | 4 | 51 | 35 | 0.27 |
| Stornoway ... | 30.12 | 52 | W | 5 | r | 30.22 | − .01 | 41 | 40 | − 9 | NE | 4 | o | 3 | 53 | 39 | 0.30 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.11 | 46 | NE | 3 | r | 30.18 | .00 | 41 | 38 | − 11 | W | 2 | o | 0 | 56 | 35 | 0.21 |
| Nairn ... ... | 30.15 | 53 | W | 2 | c | 30.19 | − .09 | 41 | 39 | − 9 | NE | 2 | o | 3 | 55 | 40 | 0.30 |
| Aberdeen ... | 30.12 | 53 | WNW | 4 | be | 30.15 | − .12 | 42 | 41 | 0 | N | 1 | o | 1 | 59 | 41 | 0.05 |
| Leith ... ... | 30.21 | 51 | W | 2 | c | 30.13 | − .20 | 44 | 40 | − 5 | NE | 2 | r | * | 56 | 43 | 0.11 |
| Shields ... ... | 30.24 | 50 | WNW | 1 | b | 30.09 | − .28 | 52 | 51 | + 4 | WNW | 6 | o | 2 | 54 | 45 | — |
| Spurn Head ... | 30.26 | 50 | WSW | 4 | c | 30.12 | − .26 | 50 | 48 | + 1 | SW | 4 | c | 3 | 51 | 45 | — |
| York ... ... | 30.29 | 49 | W | 3 | b | 30.14 | − .25 | 49 | 48 | 0 | WNW | 1 | o | * | 54 | 42 | — |
| Nottingham ... | 30.32 | 49 | WSW | 2 | o | 30.20 | − .22 | 53 | 50 | + 3 | NW | 2 | c | * | 54 | 48 | — |
| Ardrossan ... | 30.27 | 52 | WNW | 1 | o | ? 30.18 | − .19 | 53 | 52 | + 3 | WNW | 5 | o | 4 | 54 | 50 | 0.02 |
| Mullaghmore ... | | | | | | | | | | | | | | | | | |
| Donaghadee ... | 30.26 | 50 | WNW | 2 | o | 30.20 | − .25 | 52 | 51 | + 5 | WNW | 4 | c | 3 | 52 | 46 | — |
| Kingstown ... | 30.41 | 50 | WNW | 4 | o | 30.29 | − .19 | 51 | 49 | + 2 | W | 5 | c | 4 | 54 | 48 | 0.01 |
| Holyhead ... | 30.37 | 50 | NNW | 2 | o | 30.26 | − .20 | 52 | 51 | + 2 | WNW | 3 | o | 2 | 53 | 49 | — |
| Liverpool (Bidston) | 30.34 | 49 | WNW | 3 | o | 30.21 | − .23 | 52 | 50 | + 3 | W | 4 | o | 3 | 53 | 48 | — |
| Valentia ... ... | 30.42 | 54 | NNW | 2 | o | 30.40 | − .06 | 52 | 51 | − 2 | NNW | 2 | o/p | 3 | 55 | 46 | 0.01 |
| Roche's Point... | 30.42 | 50 | ENE | 3 | m | 30.36 | − .11 | 51 | 49 | − 1 | NNW | 3 | c | 3 | 54 | 50 | — |
| Pembroke ... | 30.37 | 51 | NNE | 2 | o | 30.30 | − .13 | 52 | 49 | + 1 | NNW | 1 | o | 1 | 53 | 50 | — |
| Scilly ... ... | 30.33 | 55 | NE | 5 | o | 30.30 | − .09 | 53 | 52 | − 4 | NNE | 4 | og | 2 | 58 | 52 | — |
| Prawle Point ... | 30.22 | 53 | NE | 2 | m | 30.29 | − .11 | 48 | 47 | − 4 | NNE | 1 | m | 2 | 58 | 46 | — |
| Hurst Castle ... | 30.34 | 51 | NNE | 1 | m | 30.26 | − .18 | 47 | 47 | 0 | N | 1 | m | 2 | 53 | 44 | — |
| Dover ... ... | 30.33 | 53 | W | 1 | o | 30.22 | − .23 | 48 | 47 | − 2 | WNW | 1 | dom | 1 | 56 | 47 | — |
| London ... ... | 30.34 | 49 | Z | 0 | omg | 30.23 | − .23 | 48 | 47 | + 3 | W | 1 | of | * | 51 | 44 | — |
| Oxford ... ... | 30.38 | 46 | Z | 0 | f | 30.23 | − .21 | 49 | 47 | + 5 | W | 1 | o | * | 49 | 43 | 0.01 |
| Cambridge ... | 30.31 | 50 | SW | 1 | o | 30.23 | − .20 | 49 | 48 | + 2 | W | 1 | o | * | 51 | 46 | — |
| Yarmouth ... | 30.30 | 49 | WNW | 1 | f | 30.15 | − .26 | 49 | 48 | + 1 | W | 1 | f | 2 | 50 | 47 | — |
| The Helder ... | * | * | * | * | * | 30.06 | − .30 | 53 | 51 | 0 | WNW | 3 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.31 | 54 | ENE | 3 | o | 30.28 | − .13 | 52 | 51 | + 2 | NE | 2 | gom | 1 | 60 | 49 | — |
| Brest ... ... | 30.26 | 54 | ENE | 3 | c | 30.26 | − .06 | 53 | 51 | ? | ENE | 3 | o | 2 | 68 | 46 | — |
| Lorient ... ... | ? | 57 | E | 5 | m | ? | ? | 51 | 50 | − 1 | E | 4 | m | 2 | 61 | 46 | — |
| Rochefort ... | 30.19 | 63 | E | 4 | b | 30.19 | − .07 | 52 | 51 | + 2 | NE | 5 | m | 4 | 75 | 43 | — |
| Biarritz ... ... | 30.18 | 61 | NNW | 1 | • | 30.16 | − .07 | 61 | 57 | − 1 | NSW | 1 | o | 2 | 70 | 57 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.17 | − .26 | 50 | 45 | − 3 | W | 4 | f | * | 55 | 50 | — |
| Charleville ... | ? | 51 | SSW | 1 | b | ? | ? | 50 | 46 | − 1 | W | 1 | o | * | 64 | 46 | — |
| Paris ... ... | 30.33 | 53 | NE | 1 | be | 30.24 | − .20 | 50 | 48 | − 1 | NNE | 3 | f | * | * | * | — |
| Lyons ... ... | 30.31 | 51 | N | 1 | o | 30.24 | − .19 | 48 | 47 | + 4 | SSE | 1 | o | * | 55 | ? | — |
| Toulon ... ... | 30.25 | 63 | W | 5 | b | 30.18 | − .14 | 61 | 59 | − 1 | N | 3 | b | 2 | 70 | 57 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.87 | 47 | 43 | NW | 5 | o | 4 | Valentia ... | 30.43 | 57 | 53 | NNE | 2 | om | 2 |
| Sumburgh Head | 30.05 | 44 | 42 | N | 3 | r | 4 | Scilly ... ... | 30.35 | 57 | 54 | NE | 5 | o | 3 |
| Stornoway ... | 30.7 | 52 | 50 | W | 5 | o | 4 | Dover ... ... | 30.37 | 55 | 54 | W | 2 | om | 1 |
| Aberdeen ... | 30.18 | 56 | 50 | WNW | 4 | b | 1 | London ... | 30.38 | 57 | 50 | W | 1 | om | * |
| Shields ... ... | 30.29 | 54 | 52 | NW | 4 | be | 2 | Yarmouth ... | 30.34 | 49 | 48 | NNW | 1 | f | 2 |
| Ardrossan ... | 30.32 | 51 | 49 | WNW | 4 | o | 3 | Jersey... ... | 30.35 | 59 | 56 | ENE | 2 | bm | 2 |
| Mullaghmore ... | 30.42 | 51 | 50 | WSW | 3 | om | 2 | Rochefort ... | 30.21 | 75 | 66 | E | 4 | b | 2 |
| Holyhead... ... | 30.41 | 50 | 49 | NW | 2 | og | 1 | | | | | | | | |

Pressure is increasing a little in the Shetlands, decreasing in all other places. W^d breezes prevail in the N. and E., and E^d winds in the S., while the sky is overcast except in the NE.

### EXPLANATION OF COLUMNS.

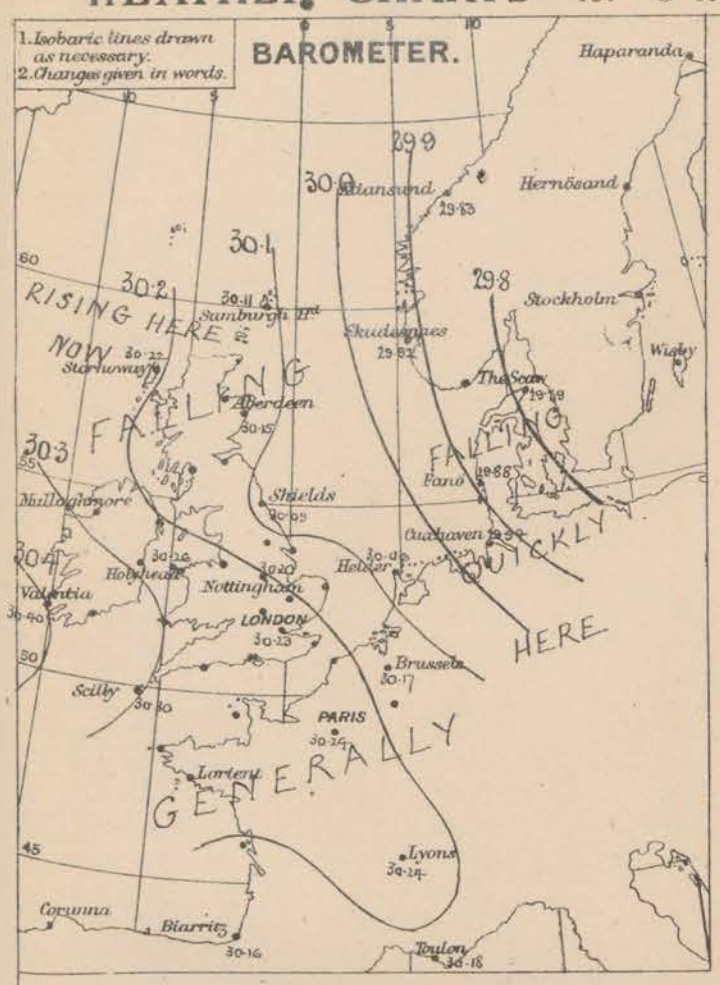
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

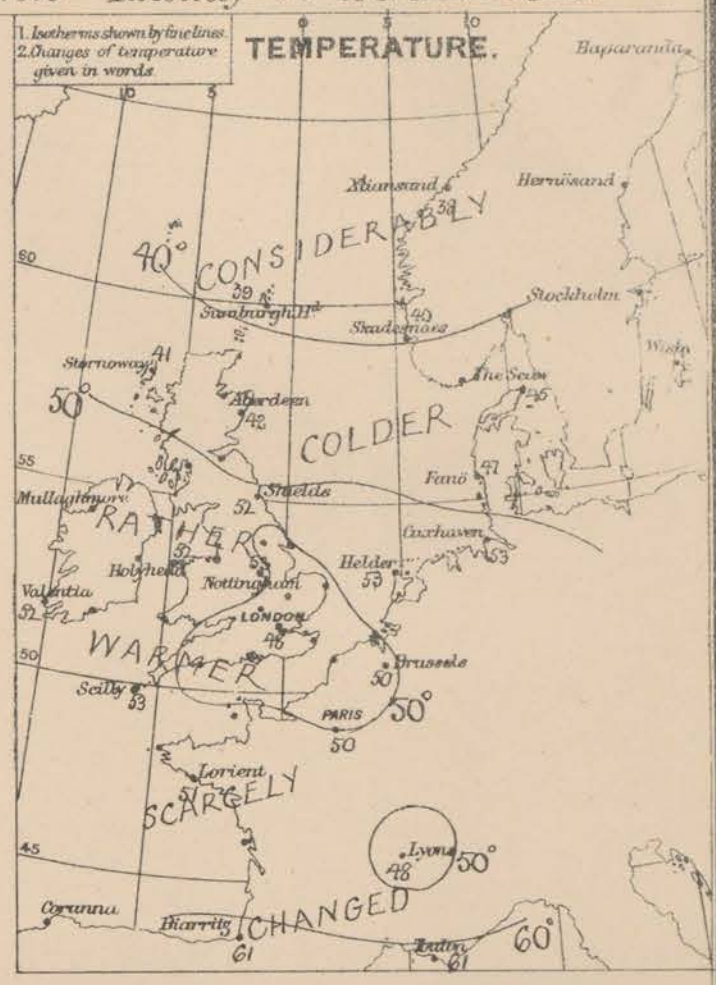
* AN ASTERISK is inserted in all places for which information is not usually received.

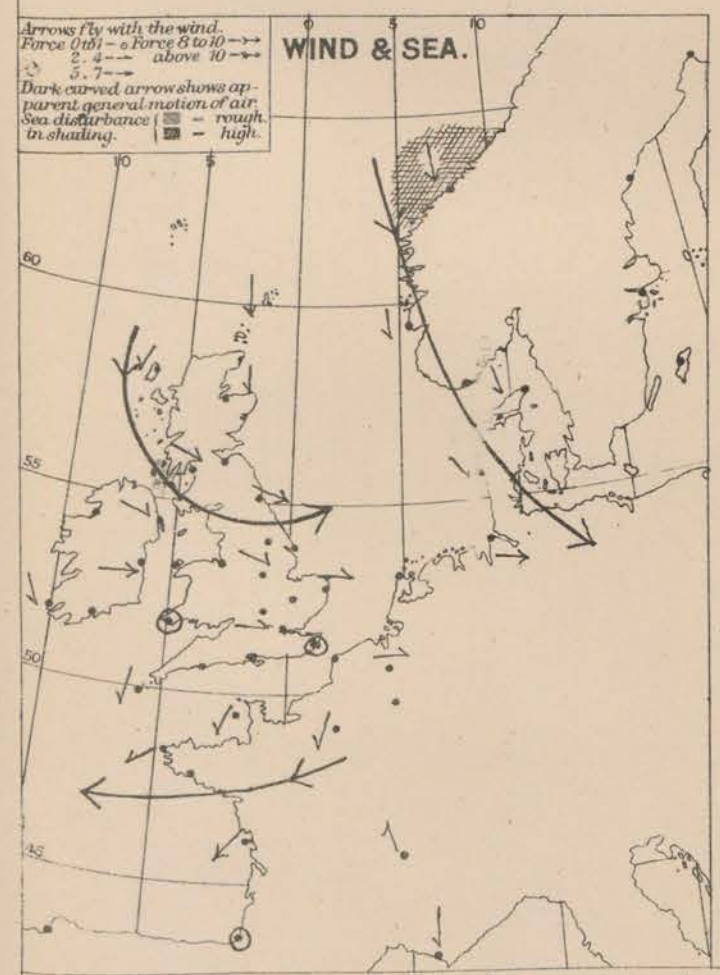
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

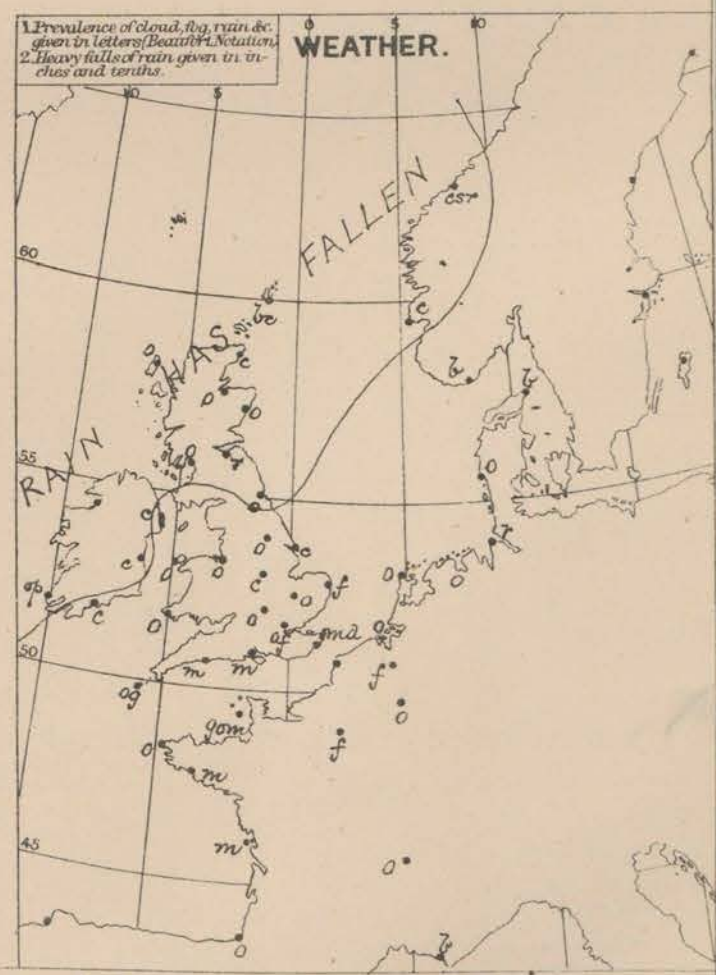
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Tuesday 14th October 1879.*




**REMARKS.** Weather is dull over the whole country with rain at Leith, showers at Valentia, and much fog or mist at our more S.ly stations, and over the Channel. At Christiansund snow and sleet are reported and at Cuxhaven rain, while over the Skagen Rack the sky is clear. Slight rain has fallen over Scotland, and on the E.n shores of the North Sea. Temperature has fallen very quickly in N. Scotland and over Norway, and slightly on our S.W. coasts, but is inclined to rise elsewhere. Readings range from 39° in the Shetlands to 48° in London, 53° at Scilly, and 61° in S. France. The maxima were low generally yesterday, but particularly so in the S.E. where the thermometer scarcely reached 50°. Wind is N.ly on the E.n shores of the North Sea and over Scotland, W.ly over N. Ireland, and the greater part of England, but N.ly again over the Channel and S. Ireland, and E.ly in the W. of France. It blows a moderate gale at Christiansund, and freshly on our N.W. and N.E. coasts, but is moderate or light elsewhere. Sea is moderate to smooth except at Christiansund.

Barometrical Indications. Pressure is increasing a little in N. Scotland and over Norway, but decreasing in all other places. Small depressions are shown on our N.W. and N.E. coasts, while the highest readings are off the W. of Ireland.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Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

# DAILY WEATHER REPORT 15th Octr 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | | | | | | | | | | | | | | * | | | |
| Hernösand ... | 29.47 | 32 | NW | 9 | o | 29.58 | + .37 | 30 | 29 | − 5 | NW | 9 | c | * | 39 | 27 | – |
| Stockholm ... | 29.45 | 41 | SW | 6 | b | 29.50 | + .10 | 32 | 31 | − 4 | NNW | 4 | o | * | 43 | 32 | – |
| Wisby ... ... | 29.45 | 41 | NW | 9 | b | 29.49 | + .02 | 38 | 34 | − 3 | N | 8 | o | * | 46 | 34 | – |
| Christiansund... | 29.50 | 39 | N | 6 | f | 29.76 | − .07 | 36 | 34 | − 2 | NW | 6 | rsh | 6 | 39 | 28 | 0.67 |
| Skudesnaes ... | 29.89 | 38 | NNW | 6 | b | 29.89 | − .03 | 38 | 35 | − 2 | NNW | 4 | be | 3 | 43 | 37 | – |
| Oxö (Xtiansund) ... | 29.77 | 44 | NW | 4 | b | 29.80 | − .03 | 39 | 35 | − 3 | NW | 2 | b | 2 | 48 | 36 | – |
| Skagen (The Skaw) | 29.72 | 46 | NNE | 5 | b | 29.76 | − .03 | 43 | 36 | − 2 | NNW | 4 | b | 4 | 50 | 3 | – |
| Fanö ... ... | 29.80 | 42 | NW | 4 | b | 29.83 | − .06 | 41 | 41 | − 6 | NNW | 2 | b | * | 48 | 37 | 0.04 |
| Cuxhaven ... | 29.89 | 47 | NW | 4 | r | 29.87 | − .07 | 46 | 44 | − 7 | NNE | 5 | r | * | 52 | 43 | 0.27 |
| Sumburgh Head | 30.16 | 39 | W | 5 | o | 30.15 | + .04 | 38 | 36 | − 1 | N | 5 | c | 5 | 34 | 34 | 0.02 |
| Stornoway ... | 30.33 | 40 | NNE | 4 | o | 30.32 | + .10 | 39 | 37 | − 2 | NE | 5 | be | 4 | 44 | 35 | 0.05 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.26 | 39 | N | 5 | o | 30.25 | + .07 | 39 | 38 | − 2 | N | 3 | o | 2 | 46 | 34 | 0.03 |
| Nairn ... ... | 30.31 | 39 | NE | 5 | be | 30.31 | + .12 | 39 | 37 | − 2 | NNW | 4 | b | 3 | 45 | 38 | – |
| Aberdeen ... | 30.19 | 40 | W | 4 | c | 30.21 | + .06 | 38 | 37 | − 4 | NNW | 4 | bcrsp | 2 | 47 | 36 | 0.10 |
| Leith ... ... | 30.22 | 42 | NNE | 2 | b | 30.28 | + .15 | 35 | 33 | − 9 | W | 2 | b | * | 46 | 33 | 0.08 |
| Shields ... ... | 30.16 | 41 | N | 3 | r | 30.24 | + .15 | 36 | 34 | − 17 | WNW | 2 | b | 3 | 32 | 31 | 0.26 |
| Spurn Head ... | 30.05 | 49 | NNW | 6 | r | 30.15 | + .03 | 42 | 40 | − 8 | WNW | 5 | cqp | 5 | 50 | 40 | 0.21 |
| York ... ... | 30.13 | 48 | N | 2 | r | 30.22 | + .08 | 37 | 34 | − 12 | N | 3 | b | * | 38 | 34 | 0.25 |
| Nottingham ... | 30.12 | 46 | NW | 5 | r | 30.23 | + .03 | 39 | 36 | − 14 | NNW | 3 | bcs | * | 62 | 35 | 0.12 |
| Ardrossan ... | 30.26 | 40 | NNE | 2 | be | 30.32 | + .17 | 37 | 35 | − 16 | NNE | 2 | bm | 1 | 53 | 31 | 0.05 |
| Mullaghmore ... | 30.33 | 47 | NNE | 6 | o | 30.41 | | 44 | 41 | | N | 5 | c | 3 | 54 | 42 | 0.06 |
| Donaghadee ... | 30.26 | 47 | NE | 6 | be | 30.35 | + .15 | 43 | 38 | − 9 | NE | 5 | b | 4 | 56 | 41 | – |
| Kingstown ... | 30.26 | 50 | NNW | 5 | o | 30.34 | + .05 | 40 | 37 | − 11 | NW | 4 | c | 4 | 57 | 35 | 0.01 |
| Holyhead ... | 30.17 | 52 | W | 6 | o | 30.30 | + .04 | 44 | 40 | − 8 | N | 4 | b | 4 | 56 | 44 | 0.01 |
| Liverpool (Bidston) | 30.12 | 50 | NW | 4 | o | 30.28 | + .07 | 40 | 37 | − 12 | NNE | 1 | c | 1 | 53 | 38 | – |
| Valentia ... ... | 30.35 | 52 | N | 3 | o | 30.42 | + .02 | 45 | 40 | − 7 | ENE | 3 | be | 3 | 57 | 42 | – |
| Roche's Point... | 30.29 | 53 | NNW | 5 | c | 30.38 | + .02 | 40 | 38 | − 11 | NNW | 4 | b | 3 | 56 | 39 | – |
| Pembroke ... | 30.20 | 55 | NW | 3 | r | 30.28 | − .02 | 43 | 41 | − 9 | NE | 2 | be | 1 | 56 | 42 | – |
| Scilly ... ... | 30.26 | 54 | NW | 5 | o | 30.24 | − .06 | 52 | 48 | − 1 | NE | 5 | c | 4 | 54 | 52 | 0.01 |
| Prawle Point ... | 30.19 | 52 | WNW | 2 | o | 30.22 | − .07 | 43 | 41 | − 5 | N | 3 | be | 2 | 58 | 40 | – |
| Hurst Castle ... | 30.14 | 50 | WNW | 3 | o | 30.20 | − .06 | 40 | 40 | − 7 | NNE | 3 | cb | 2 | 57 | 38 | – |
| Dover ... ... | 30.06 | 52 | WNW | 3 | c | 30.11 | − .11 | 43 | 41 | − 5 | N | 5 | be | 3 | 54 | 41 | 0.07 |
| London ... ... | 30.08 | 51 | W | 1 | o | 30.18 | − .05 | 41 | 39 | − 7 | N | 4 | bm | * | 54 | 39 | 0.01 |
| Oxford ... ... | 30.10 | 52 | SW | 1 | o | 30.22 | − .01 | 39 | 38 | − 10 | N | 2 | o | * | 53 | 37 | 0.03 |
| Cambridge ... | 30.02 | 53 | W | 1 | o | 30.19 | .00 | 39 | 39 | − 10 | N | 1 | c | * | 58 | 35 | 0.12 |
| Yarmouth ... | 29.96 | 53 | W | 3 | o | 30.11 | − .04 | 45 | 43 | − 4 | NNW | 4 | cq | 5 | 55 | 42 | 0.27 |
| The Helder ... | * | * | * | * | * | 30.01 | − .05 | 46 | 44 | − 7 | NNW | 3 | r | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.21 | 51 | NNW | 1 | o | 30.19 | − .09 | 49 | 46 | − 3 | NE | 3 | cp | 3 | 55 | 48 | 0.02 |
| Brest ... ... | 30.24 | 52 | N | 2 | o | 30.16 | − .10 | 52 | 51 | − 1 | NNW | 3 | be | 2 | 57 | 50 | – |
| Lorient ... ... | ? | 55 | ? | 4 | o | ? | ? | 55 | 53 | + 4 | N | 5 | o | 2 | 59 | 50 | – |
| Rochefort ... | 30.17 | 52 | ENE | 4 | o | 30.13 | − .06 | 55 | 50 | + 3 | N | 4 | o | 2 | 63 | 45 | – |
| Biarritz ... ... | 30.13 | 61 | NE | 3 | o | 30.13 | − .03 | 59 | 55 | − 2 | NE | 5 | o | 2 | 64 | 55 | – |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.06 | − .11 | 43 | 42 | − 7 | NNW | 1 | f | * | 51 | 41 | 0.12 |
| Charleville ... | ? | 51 | NW | 3 | c | ? | ? | 43 | 39 | − 7 | WNW | 5 | o | * | 60 | 41 | 0.04 |
| Paris ... ... | 30.15 | 49 | NE | 1 | o | 30.09 | − .15 | 48 | 45 | − 2 | NNE | 3 | c | * | * | * | – |
| Lyons ... ... | 30.13 | 49 | NE | 1 | o | 30.09 | − .15 | 46 | 45 | − 2 | NNE | 1 | o | * | 51 | 45 | – |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.88 | 42 | 38 | NNW | 6 | r | 7 |
| Sumburgh Head | 30.14 | 41 | 38 | N | 3 | c | 5 |
| Stornoway ... | 30.28 | 44 | 40 | NE | 5 | b | 4 |
| Aberdeen ... | 30.15 | 46 | 42 | N | 3 | be | 1 |
| Shields ... ... | 30.12 | 43 | 43 | NE | 6 | r | 4 |
| Ardrossan ... | 30.16 | 43 | 42 | ENE | 3 | cf | 2 |
| Mullaghmore ... | | | | | | | |
| Holyhead... ... | 30.16 | 55 | 53 | W | 4 | o | 3 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 30.36 | 55 | 53 | NNW | 3 | o | 3 |
| Scilly ... ... | 30.28 | 54 | 51 | N | 5 | o | 3 |
| Dover ... ... | 30.11 | 53 | 51 | W | 2 | cq | 1 |
| London ... | 30.12 | 54 | 52 | W | 1 | o | 2 |
| Yarmouth ... | 30.04 | 54 | 52 | WNW | 2 | cf | 2 |
| Jersey... ... | 30.24 | 52 | 50 | N | 2 | cm | 1 |
| Rochefort ... | 30.16 | 53 | 51 | ENE | 4 | m | 2 |

* The weather this afternoon has cleared considerably over Scotland, and is now fair and bright, but over Ireland and England the sky remains overcast and rain has set in at Shields. Wind is N. in the W. and N., N.E. in the SE. and the barometer is falling except in the N.

### EXPLANATION OF COLUMNS.

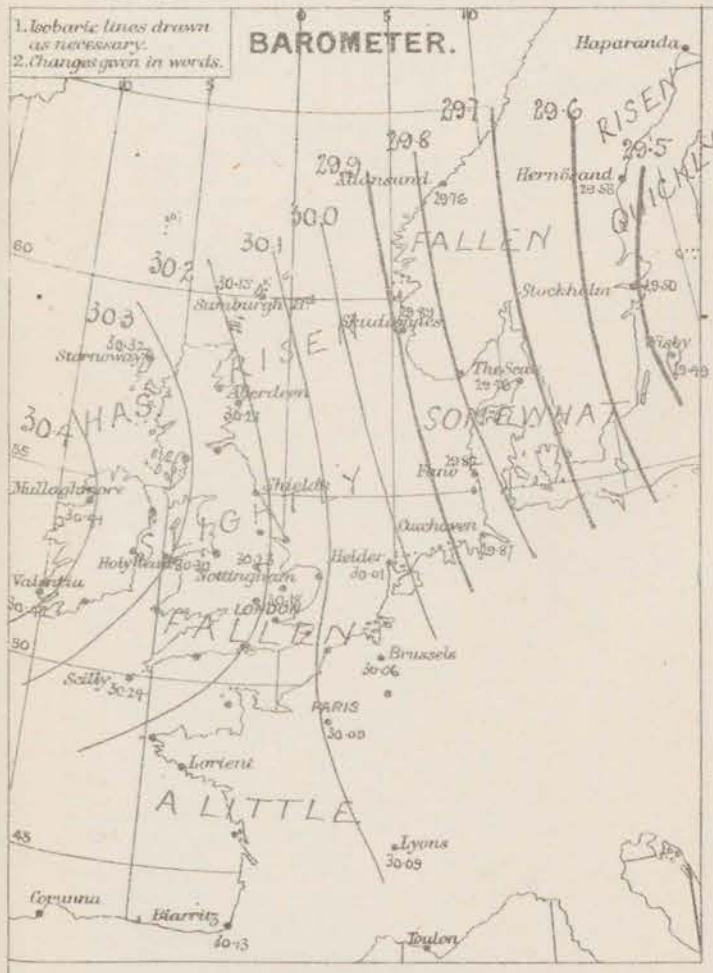
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

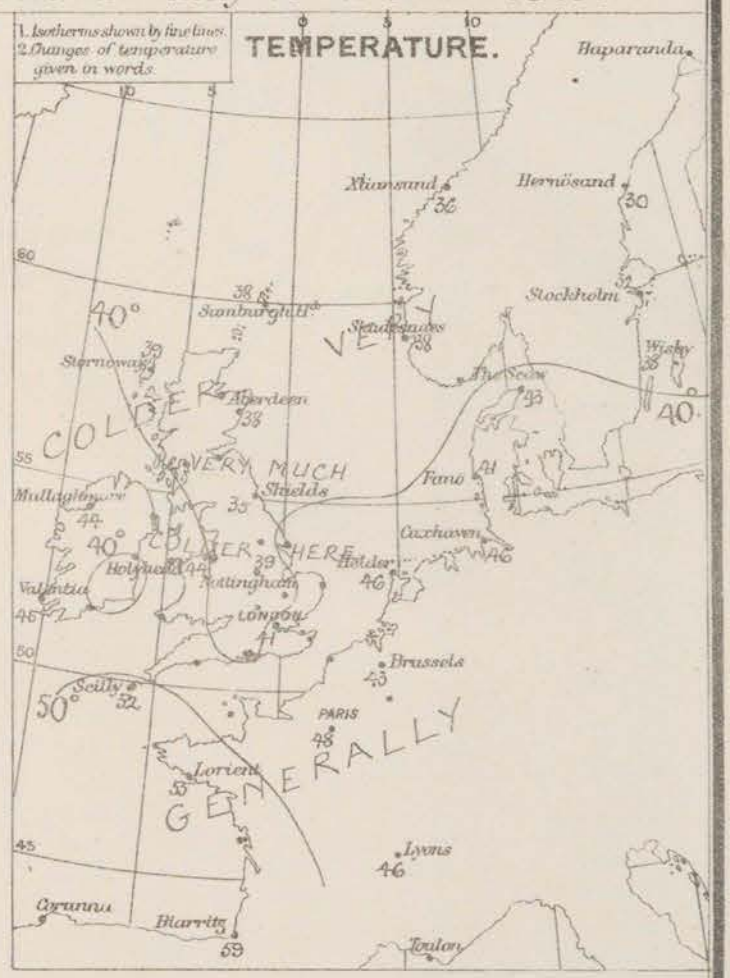
* AN ASTERISK is inserted in all places for which information is not usually received.

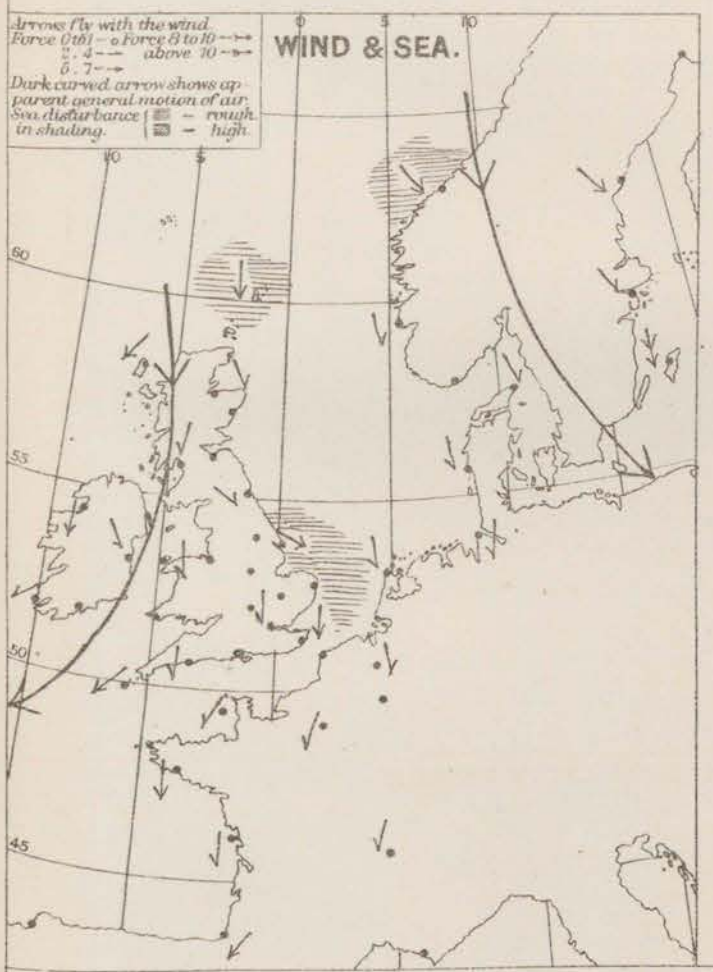
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

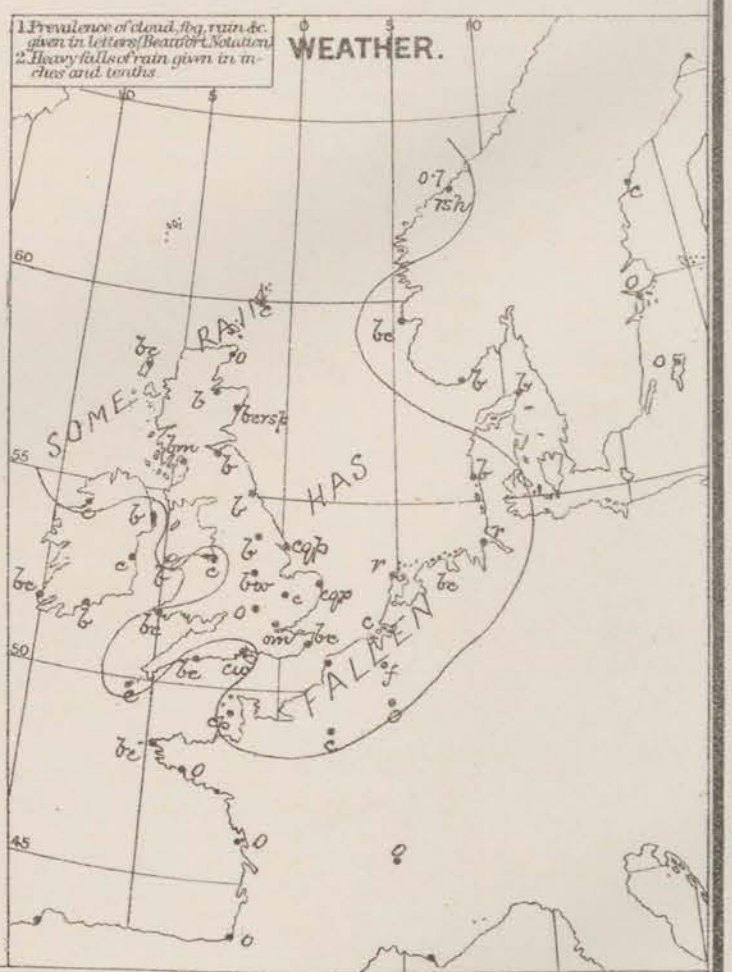
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Wednesday 15th Oct.r 1879.*




**REMARKS.** Weather. This morning is fine at all our more N.n and W.n stations as well as on the E.n shores of the Direct Sea, but is cloudy or dull in the S.E. Showers of sleet are reported from Aberdeen, and of rain in the E. of England, while rain, hail and snow are falling at Hernösand. Slight rain has fallen except in the S.W. Temperature has decreased over the whole of W.n Europe, the change being slight over Scandinavia and N. Scotland, but amounting to over 10° over Central England, and to 17° at Shields. Readings range from 35° in the N.E. to 52° at Scilly. The maxima over Scotland yesterday were very low. Wind is N.ly on all coasts, and though moderate generally, blows freshly in the extreme N. of Scotland and Ireland, as well as at Scilly and Dover. Sea is rather rough at Dunbury Head, Spurn Hd and Yarmouth, moderate to smooth elsewhere.

Barometrical Indications. The barometer is rising in nearly all parts of our area, but a slight fall has occurred in the N. of Scotland during the night. Readings are highest off the W. of Ireland and lowest over the Baltic.

Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter. " book post 5/- " "

Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

# DAILY WEATHER REPORT Oct^R 16^TH 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.83 | 26 | N | 2 | b | 29.75 | + .07 | 20 | 20 | − 6 | W | 2 | bc | * | 32 | 16 | — |
| Hernösand ... | 29.93 | 36 | NW | 6 | b | 30.06 | + .48 | 26 | 23 | − 4 | WNW | 2 | b | * | 37 | ? | — |
| Stockholm ... | 29.83 | 39 | NW | 4 | c | 30.07 | + .57 | 32 | 31 | 0 | N | 2 | c | * | 45 | 28 | — |
| Wisby ... ... | 29.73 | 39 | N | 8 | o | 29.96 | + .47 | 36 | 34 | − 2 | NE | 4 | c | * | 41 | 34 | — |
| Christiansund... | 30.14 | 31 | ESE | 4 | b | 30.09 | + .33 | 32 | 31 | − 4 | SSW | 2 | c | 5 | 36 | 24 | 0.12 |
| Skudesnaes ... | 29.95 | 36 | NNW | 6 | b | 30.18 | + .29 | 42 | 37 | + 4 | S | 4 | c | 3 | ? | 36 | — |
| Oxö (Xriansund) ... | 29.83 | 43 | N | 2 | bc | 30.21 | + .41 | 32 | 30 | − 7 | NNE | 4 | b | 2 | 48 | 30 | — |
| Skagen (The Skaw) | 29.88 | 43 | NNE | 4 | c | 30.19 | + .43 | 37 | 32 | − 6 | NNE | 3 | c | 2 | 46 | 32 | — |
| Fanö ... ... | 29.89 | 40 | Z | 0 | f | 30.08 | + .20 | 39 | 37 | − 2 | ENE | 4 | b | * | 48 | 36 | 0.08 |
| Cuxhaven ... | 29.94 | 45 | W | 1 | b | 30.04 | + .17 | 42 | 41 | − 4 | SE | 2 | b | * | 46 | 39 | 0.02 |
| Sumburgh Head | 30.20 | 39 | N | 4 | b | 30.15 | .00 | 40 | 38 | + 2 | NSW | 1 | 0 | 3 | 43 | 36 | 0.01 |
| Stornoway ... | 30.33 | 39 | N | 1 | b | 30.08 | − .34 | 43 | 41 | + 4 | SSW | 7 | 0 | 5 | 43 | 35 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.27 | 39 | N | 4 | bc | 30.18 | − .07 | 37 | 36 | − 2 | SW | 1 | 0 | 0 | 45 | 30 | — |
| Nairn ... ... | 30.31 | 40 | NNW | 3 | c | 30.24 | − .07 | 35 | 33 | − 4 | Z | 0 | b | 2 | 45 | 34 | — |
| Aberdeen ... | 30.23 | 40 | NNW | 4 | c | 30.23 | + .02 | 37 | 35 | − 3 | W | 1 | bc | 2 | 45 | 36 | 0.10 |
| Leith ... ... | 30.27 | 42 | NW | 3 | b | 30.27 | − .01 | 37 | 35 | + 2 | NSW | 1 | bem | * | 49 | 34 | — |
| Shields ... ... | 30.23 | 41 | N | 4 | b | 30.27 | + .03 | 38 | 37 | + 3 | WNW | 2 | b | 3 | 45 | 32 | 0.03 |
| Spurn Head ... | 30.13 | 44 | NW | 6 | bc | 30.18 | + .03 | 42 | 41 | 0 | WNW | 5 | c | 6 | 45 | 40 | 0.26 |
| York ... ... | 30.20 | 41 | N | 2 | b | 30.25 | + .03 | 38 | 36 | + 1 | N | 2 | c | * | 46 | 33 | — |
| Nottingham ... | 30.22 | 40 | NNW | 3 | bc | 30.26 | + .03 | 36 | 34 | − 3 | N | 1 | bc | * | 47 | 31 | — |
| Ardrossan ... | 30.30 | 39 | NNW | 3 | b | 30.29 | − .03 | 34 | 32 | − 3 | E | 1 | f | 1 | 48 | 31 | — |
| Mullaghmore ... | 30.37 | 45 | NNE | 5 | o | 30.26 | − .15 | 43 | 40 | − 1 | SSW | 4 | og | 2 | 49 | 39 | — |
| Donaghadee ... | 30.32 | 40 | N | 4 | b | 30.31 | − .04 | 40 | 37 | − 3 | W | 2 | bc | 1 | 47 | 38 | — |
| Kingstown ... | 30.34 | 45 | NW | 4 | bc | 30.32 | − .02 | 40 | 38 | 0 | W | 1 | cf | 2 | 51 | 37 | — |
| Holyhead ... | 30.29 | 47 | NNE | 4 | o | 30.28 | − .02 | 44 | 42 | 0 | SSW | 1 | c | 0 | 48 | 44 | — |
| Liverpool (Bidston) | 30.27 | 41 | N | 1 | b | 30.30 | + .02 | 40 | 37 | 0 | NE | 1 | m | 1 | 45 | 37 | — |
| Valentia ... ... | 30.40 | 45 | NE | 2 | o | 30.31 | − .11 | 46 | 44 | + 1 | S | 2 | o | 2 | 49 | 41 | 0.10 |
| Roche's Point... | 30.37 | 43 | NNE | 4 | bc | 30.33 | − .05 | 48 | 41 | + 3 | N | 1 | c | 3 | 48 | 39 | — |
| Pembroke ... | 30.30 | 45 | N | 3 | bo | 30.31 | + .03 | 46 | 44 | + 3 | N | 1 | o | 1 | 48 | 42 | 0.01 |
| Scilly ... ... | 30.26 | 49 | NNE | 7 | o | 30.30 | + .06 | 49 | 46 | − 3 | NNW | 2 | o | 1 | 52 | 46 | 0.07 |
| Prawle Point ... | 30.22 | 40 | NNW | 3 | bc | 30.32 | + .10 | 39 | 36 | − 4 | NNW | 3 | c | 2 | 52 | 34 | — |
| Hurst Castle ... | 30.18 | 40 | NNE | 2 | b | 30.28 | + .08 | 35 | 34 | − 5 | N | 3 | b | 2 | 47 | 33 | — |
| Dover ... ... | 30.09 | 44 | NNE | 5 | b | 30.15 | + .04 | 40 | 38 | − 3 | NNW | 3 | b | 2 | 50 | 38 | — |
| London ... ... | 30.17 | 42 | N | 3 | b | 30.23 | + .05 | 37 | 36 | − 4 | NNW | 3 | bc | * | 47 | 35 | — |
| Oxford ... ... | 30.21 | 38 | NNW | 1 | c | 30.28 | + .06 | 34 | 32 | − 5 | NNW | 1 | bc | * | 46 | 33 | — |
| Cambridge ... | 30.16 | 40 | N | 1 | b | 30.22 | + .03 | 36 | 35 | − 3 | NW | 1 | bc | * | 50 | 32 | — |
| Yarmouth ... | 30.09 | 42 | NNW | 3 | c | 30.13 | + .02 | 45 | 40 | 0 | NNE | 5 | b | 5 | 47 | 40 | 0.23 |
| The Helder ... | * | * | * | * | * | 30.02 | + .01 | 44 | 42 | − 2 | NE | 2 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.18 | 47 | NNE | 4 | bc | 30.30 | + .11 | 46 | 42 | − 3 | N | 2 | c | 2 | 50 | 43 | — |
| Brest ... ... | 30.19 | 48 | N | 4 | o | 30.31 | + .15 | ? | ? | ? | N | 3 | o | 1 | 57 | 41 | — |
| Lorient ... ... | ? | 48 | N | 7 | c | ? | ? | 46 | 41 | − 9 | NNE | 5 | m | 2 | 55 | 45 | — |
| Rochefort ... | 30.12 | 51 | N | 7 | o | 30.26 | + .13 | 45 | 41 | − 10 | N | 7 | b | 2 | ? | 41 | 0.08 |
| Biarritz ... ... | | | | | | | | | | | | | | | | | |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.06 | .00 | 39 | 38 | − 4 | W | 3 | b | * | 50 | 38 | 0.12 |
| Charleville ... | ? | 44 | NE | 4 | b | ? | ? | 39 | 36 | − 4 | ENE | 1 | o | * | 53 | 36 | — |
| Paris ... ... | 30.05 | 46 | NE | 4 | o | 30.15 | + .06 | 42 | 40 | − 6 | NNW | 5 | o | * | * | * | 0.24 |
| Lyons ... ... | | | | | | | | | | | | | | * | | | |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.85 | 36 | 35 | NNW | 6 | ors | 4 | Valentia ... | 30.40 | 49 | 43 | NE | 3 | o | 4 |
| Sumburgh Head | 30.16 | 40 | 38 | N | 5 | c | 5 | Scilly ... ... | 30.26 | 50 | 45 | NNE | 6 | o | 5 |
| Stornoway ... | 30.34 | 43 | 39 | N | 4 | o | 4 | Dover ... ... | 30.05 | 50 | 44 | NNE | 5 | bc | 3 |
| Aberdeen ... | 30.23 | 44 | 41 | NNW | 4 | bc | 3 | London .. | 30.16 | 47 | 41 | NNW | 4 | c | 4 |
| Shields ... ... | 30.23 | 43 | 41 | N | 4 | bc | 5 | Yarmouth ... | 30.10 | 46 | 40 | NW | 2 | c | 4 |
| Ardrossan ... | 30.29 | 46 | 40 | NNW | 4 | c | 3 | Jersey... ... | 30.16 | 50 | 45 | NNE | 4 | bcg | 3 |
| Mullaghmore ... | 30.39 | 46 | 42 | NNE | 5 | bc | 3 | Rochefort ... | 29.98 | 58 | 55 | NW | 4 | o | 2 |
| Holyhead... ... | 30.30 | 46 | 40 | NNE | 4 | b | 3 | | | | | | | | |

Pressure is changing very little, but is increasing somewhat in the N. and decreasing in the S. The wind continues N^L and the weather is cold and fair.

### EXPLANATION OF COLUMNS.

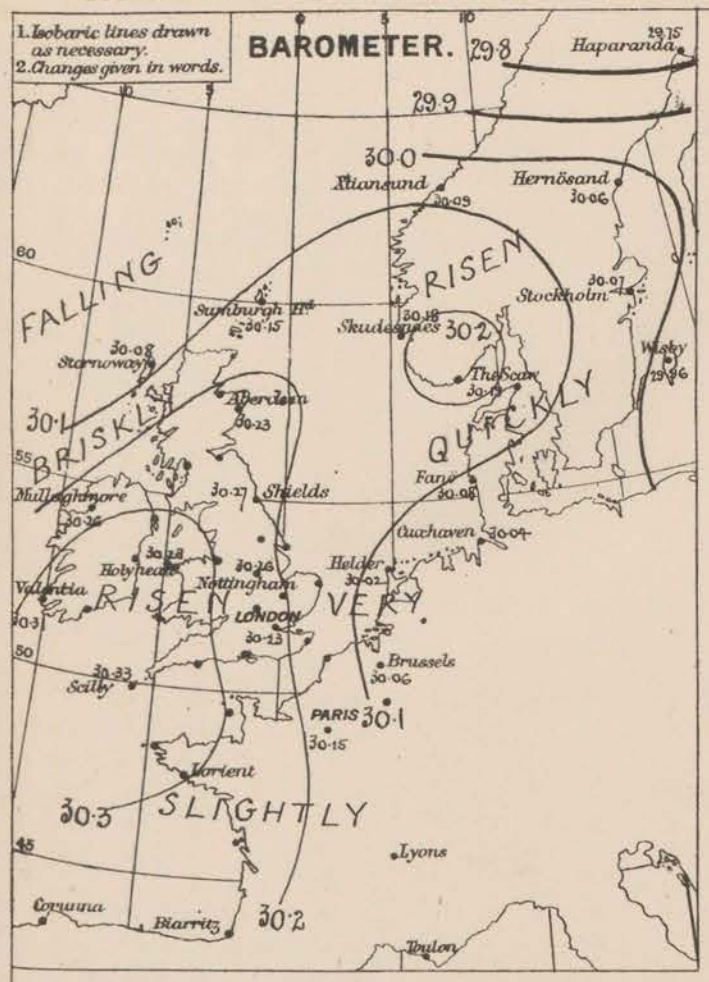
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

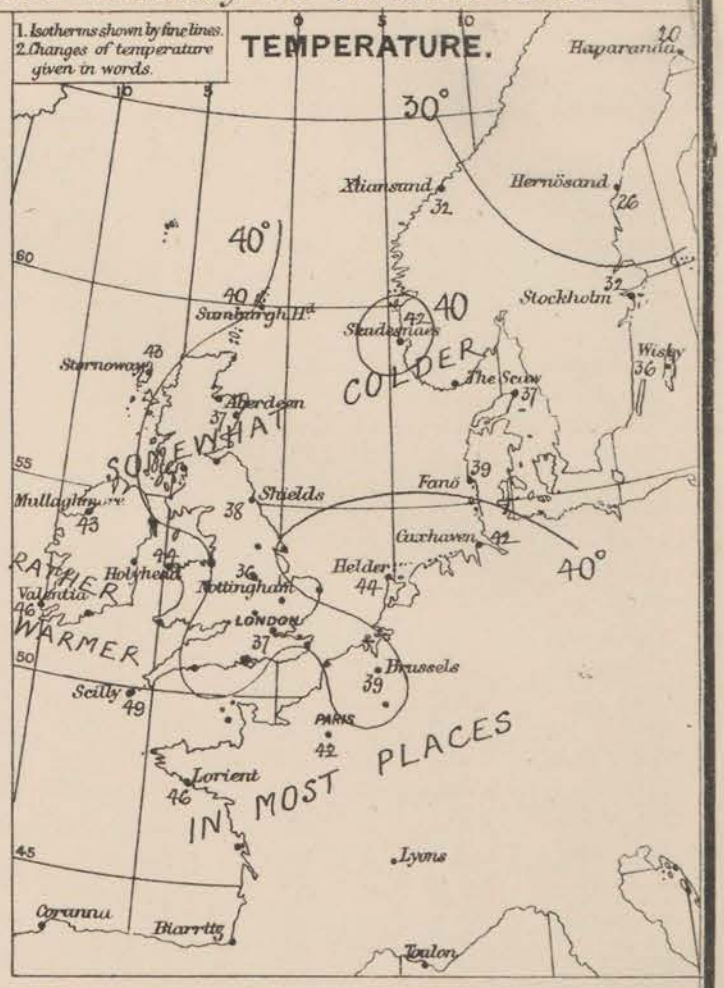
* AN ASTERISK is inserted in all places for which information is not usually received.

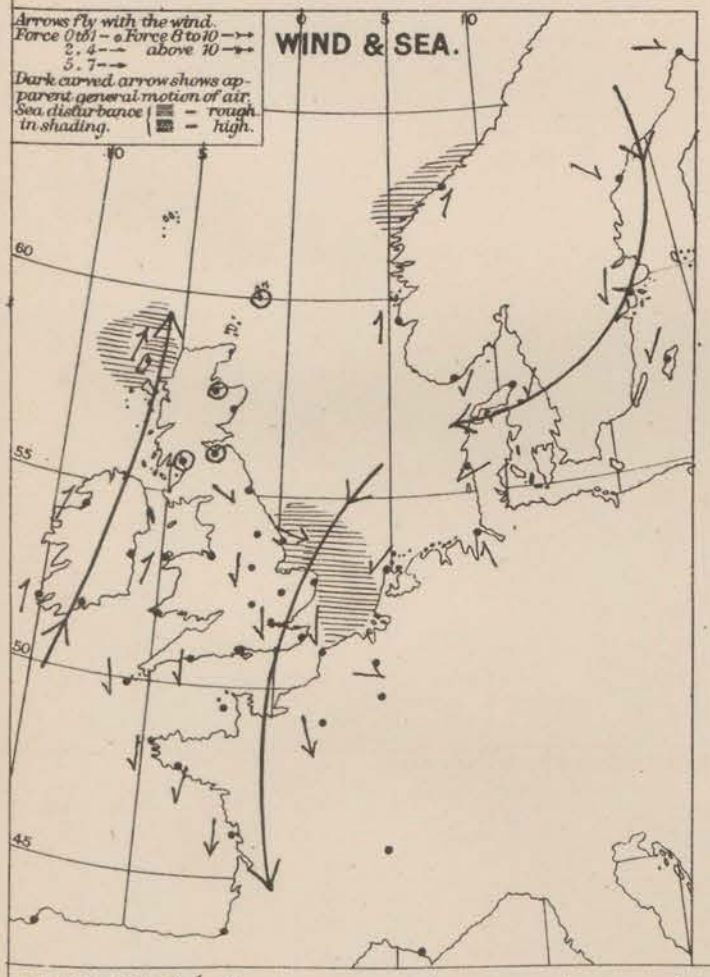
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

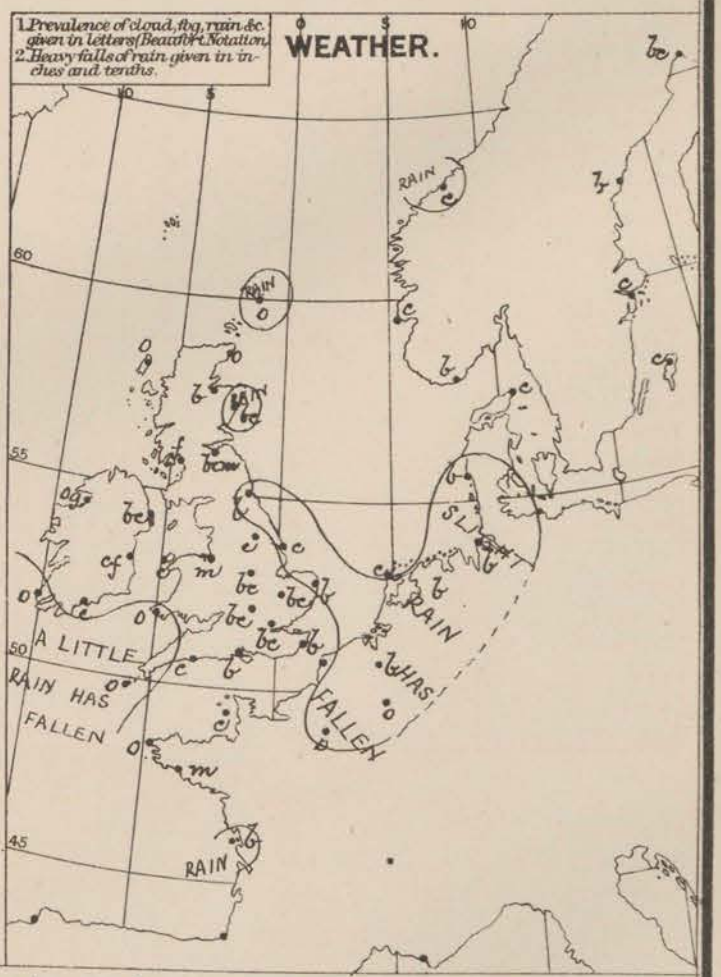
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Thursday 16. October 1879.*




**REMARKS.** Weather is overcast or cloudy all along our W^n and N^n coasts, but remains fine at our more E^n and central stations, as well as over N. Germany and the Skagen Pack. Some fog and mist prevails in the NW. Slight rain has fallen in the SW and NE. Temperature has begun to rise a little in the S. of Ireland, and in the Hebrides, but still falls elsewhere, it is very low in the E and S. of Scotland and England, where readings are generally between 35° and 40°. The maxima yesterday only exceeded 50° at Kingstown, Scilly, and Prawle Point, but were between 45° and 50° elsewhere, while during the night the thermometer fell to 30° at Wick, to 31° at Nottingham and Ardrossan, and to 32° at Shields and Cambridge. Wind has shifted suddenly to S. all along our W^n coasts, blowing strongly in the Hebrides, while at our other W^n stations it is shifting towards that quarter, but in the E and S, N^h breezes are still reported. Sea is rather rough in the German Ocean and at Stornoway, slight to smooth elsewhere.

Barometrical Indications. Pressure has begun to decrease briskly on our NW^n coasts, and the change is spreading quickly but in the S. and E. the increasing still rises. Readings are highest in the SW, while a rather large depression appears to be approaching the Hebrides.

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Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

# DAILY WEATHER REPORT 17th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.72 | 23 | W | 2 | o | 29.53 | − .22 | 39 | 37 | + 19 | SW | 4 | o | * | 39 | 19 | 0.04 |
| Hernösand ... | 29.84 | 32 | SW | 2 | o | 29.55 | − .51 | 34 | 32 | + 8 | SW | 4 | s | * | 39 | 19 | — |
| Stockholm ... | 30.08 | 30 | WSW | 2 | b | 29.87 | − .20 | 33 | 31 | + 1 | SW | 2 | bc | * | 39 | 27 | — |
| Wisby ... ... | ? | 32 | N | 4 | b | 29.91 | − .05 | 35 | 32 | − 1 | SW | 4 | b | * | 43 | 30 | — |
| Christiansund... | 29.71 | 40 | SSW | 4 | o | 29.19 | − .90 | 42 | 40 | + 10 | S | 3 | r | 5 | ? | 27 | 0.04 |
| Skudesnaes ... | 29.93 | 46 | WSW | 8 | c | 29.41 | − .77 | 48 | 46 | + 6 | SSE | 8 | o | 6 | ? | ? | 0.24 |
| Oxö (Xtiansund) ... | 30.07 | 43 | SSW | 6 | o | 29.62 | − .59 | 46 | 43 | + 14 | SSW | 6 | r | 4 | ? | ? | 0.08 |
| Skagen (The Skaw) | 30.12 | 39 | NW | 2 | b | 29.76 | − .43 | 42 | 39 | + 5 | SSW | 8 | o | 7 | 43 | 36 | — |
| Fanö ... ... | 30.09 | 34 | S | 4 | b | 29.80 | − .28 | 46 | 43 | + 7 | S | 6 | c | * | ? | 32 | — |
| Cuxhaven ... | 30.21 | 45 | E | 3 | b | 29.97 | − .07 | 36 | 35 | − 6 | S | 2 | b | * | 45 | 32 | — |
| Sumburgh Head | 29.66 | 42 | SSW | 7 | r | 29.42 | − .73 | 44 | 44 | + 4 | N | 6 | o | 6 | 48 | ? 40 | 0.46 |
| Stornoway ... | 29.67 | 50 | WSW | 5 | r | 29.71 | − .37 | 46 | 44 | + 3 | N | 6 | r | 5 | 51 | ? 43 | 0.10 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.67 | 46 | SSW | 5 | o | 29.50 | − .68 | 48 | 47 | + 11 | WNW | 6 | o | 3 | 50 | 35 | 0.21 |
| Nairn ... ... | 29.84 | 46 | W | 4 | c | 29.58 | − .66 | 39 | 37 | + 4 | ? E | 6 | o | 3 | 47 | 35 | 0.05 |
| Aberdeen ... | 29.89 | 42 | SSW | 8 | c | 29.47 | − .76 | 49 | 47 | + 12 | NW | 6 | cpw | 3 | 51 | 37 | 0.03 |
| Leith ... ... | 30.02 | 44 | WSW | 3 | c | 29.58 | − .69 | 49 | 49 | + 12 | W | 4 | c | * | 53 | 33 | 0.07 |
| Shields ... ... | 30.13 | 46 | WSW | 2 | o | 29.58 | − .69 | 50 | 49 | + 12 | WNW | 7 | b | 3 | 53 | 38 | — |
| Spurn Head ... | 30.19 | 43 | WNW | 1 | c | 29.68 | − .50 | 49 | 47 | + 7 | SSW | 6 | cw | 5 | 50 | 40 | — |
| York ... ... | 30.14 | 43 | W | 1 | o | 29.68 | − .57 | 52 | 49 | + 14 | W | 5 | b | * | 52 | 37 | 0.01 |
| Nottingham ... | 30.14 | 44 | NNW | 1 | bc | 29.78 | − .48 | 50 | 50 | + 14 | WNW | 4 | r | * | 50 | 36 | 0.02 |
| Ardrossan ... | 30.04 | 46 | SSW | 6 | o | 29.70 | − .59 | 50 | 48 | + 16 | WNW | 6 | og | 4 | 53 | 33 | 0.01 |
| Mullaghmore ... | 30.06 | 50 | SW | 6 | o | 29.95 | − .31 | 51 | 48 | + 8 | NW | 8 | cgq | 6 | 53 | 42 | 0.11 |
| Donaghadee ... | 30.17 | 45 | SSW | 2 | b | 29.84 | − .47 | 49 | 48 | + 9 | NW | 6 | c | 4 | 52 | 39 | — |
| Kingstown ... | 30.17 | 48 | Z | 0 | c | 29.91 | − .41 | 52 | 50 | + 12 | WNW | 6 | c | 5 | 54 | 39 | — |
| Holyhead ... | 30.19 | 48 | SW | 2 | o | 29.88 | − .40 | 53 | 51 | + 9 | WNW | 7 | o | 5 | 54 | 44 | — |
| Liverpool (Bidston) | 30.19 | 45 | W | 1 | bc | 29.79 | − .51 | 52 | 50 | + 12 | W | 7 | m | 4 | 52 | ? 40 | — |
| Valentia ... ... | 30.20 | 51 | SE | 5 | o | 30.13 | − .18 | 53 | 50 | + 7 | NNW | 3 | c | 2 | 55 | 45 | 0.05 |
| Roche's Point... | 30.23 | 48 | W | 4 | c | 30.04 | − .29 | 53 | 50 | + 10 | NW | 4 | bc | 4 | 53 | 40 | — |
| Pembroke ... | 30.25 | 47 | WNW | 2 | c | 29.96 | − .35 | 55 | 52 | + 9 | NW | 6 | c | 4 | 55 | 45 | 0.02 |
| Scilly ... ... | 30.29 | 50 | WNW | 2 | c | 30.11 | − .22 | 56 | 56 | + 7 | WSW | 6 | od | 5 | 56 | 48 | 0.02 |
| Prawle Point ... | 30.26 | 41 | WNW | 2 | b | 30.04 | − .28 | 53 | 53 | + 14 | WSW | 5 | o | 4 | 54 | 38 | — |
| Hurst Castle ... | 30.25 | 42 | NNW | 1 | b | 29.99 | − .29 | 52 | 50 | + 17 | W | 6 | ow | 6 | 52 | ? 35 | — |
| Dover ... ... | 30.19 | 46 | NNW | 3 | b | 29.96 | − .19 | 47 | 43 | + 7 | W | 5 | ogr | 5 | 49 | ? 40 | 0.02 |
| London ... ... | 30.23 | 39 | NNW | 2 | bm | 29.93 | − .30 | 47 | 45 | + 10 | WSW | 5 | o | * | 49 | 35 | — |
| Oxford ... ... | 30.25 | 41 | NNW | 1 | bc | 29.90 | − .38 | 47 | 46 | + 13 | ? W | 2 | p | * | 48 | 34 | — |
| Cambridge ... | 30.24 | 41 | N | 1 | bc | 29.85 | − .37 | 46 | 45 | + 10 | SW | 1 | o | * | 53 | 34 | — |
| Yarmouth ... | 30.17 | 45 | NW | 1 | bc | 29.82 | − .31 | 43 | 42 | − 2 | SW | 3 | om | 3 | 50 | 37 | 0.02 |
| The Helder ... | * | * | * | * | * | 29.86 | − .16 | 47 | 43 | + 3 | SW | 4 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.30 | 42 | N | 1 | b | 30.14 | − .16 | 51 | 48 | + 5 | WSW | 6 | ow | 5 | 51 | 41 | — |
| Brest ... ... | 30.30 | 44 | NNE | 3 | b | 30.21 | − .10 | 52 | 51 | ? | WNW | 5 | o | 3 | 52 | ? | — |
| Lorient ... ... | ? | 50 | NNE | 4 | m | ? | ? | 46 | 43 | o | NNW | 4 | m | 2 | 50 | ? | — |
| Rochefort ... | 30.22 | ? | N | 7 | bo | 30.25 | − .01 | 41 | 39 | − 4 | NE | 3 | b | 2 | 68 | 36 | — |
| Biarritz ... ... | 30.23 | 50 | E | 4 | b | 30.27 | + .13 | 43 | 40 | − 4 | SE | 4 | b | 2 | 59 | 39 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.14 | + .08 | 39 | 37 | o | SSW | 5 | o | * | 48 | 36 | — |
| Charleville ... | ? | 40 | NE | 1 | b | ? | ? | ? | ? | ? | SSW | 1 | f | * | 49 | 36 | — |
| Paris ... ... | 30.19 | 42 | ? | 4 | b | 30.17 | + .02 | 38 | 29 | − 4 | NE | 3 | bc | * | * | * | — |
| Lyons ... ... | | | | | | | | | | | | | | * | | | |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.01 | 44 | 39 | S | 6 | o | 4 | Valentia ... | 30.24 | 50 | 50 | SSE | 4 | odg | 4 |
| Sumburgh Head | 29.90 | 45 | 42 | E | 5 | c | 5 | Scilly ... ... | 30.31 | 52 | 47 | NW | 1 | c | 1 |
| Stornoway ... | 29.80 | 47 | 46 | SW | 8 | r | 6 | Dover ... ... | 30.16 | 49 | 44 | NNE | 5 | b | 3 |
| Aberdeen ... | 30.08 | 45 | 40 | SSW | 3 | bc | 2 | London ... | 30.22 | 49 | 43 | NW | 4 | bc | 2 |
| Shields ... ... | 30.21 | 46 | 44 | NNW | 1 | o | 4 | Yarmouth ... | 30.16 | 49 | 44 | NNW | 2 | bc | 4 |
| Ardrossan ... | 30.16 | 46 | 41 | E | 5 | o | 5 | Jersey ... ... | 30.30 | 48 | 41 | N | 2 | bc | 2 |
| Mullaghmore ... | 30.15 | 50 | 47 | SSW | 6 | og | 4 | Rochefort ... | 30.21 | 54 | 47 | N | 7 | bc | 2 |
| Holyhead... ... | 30.26 | 49 | 45 | SSW | 2 | b | 1 | | | | | | | | |

Pressure still increases a little in the extreme SE., but is decreasing in all other places — quickly in the Hebrides where a rather large depression is appearing. A strong gale prevails in the Minch and S. wind, are spreading to all coasts

### EXPLANATION OF COLUMNS.

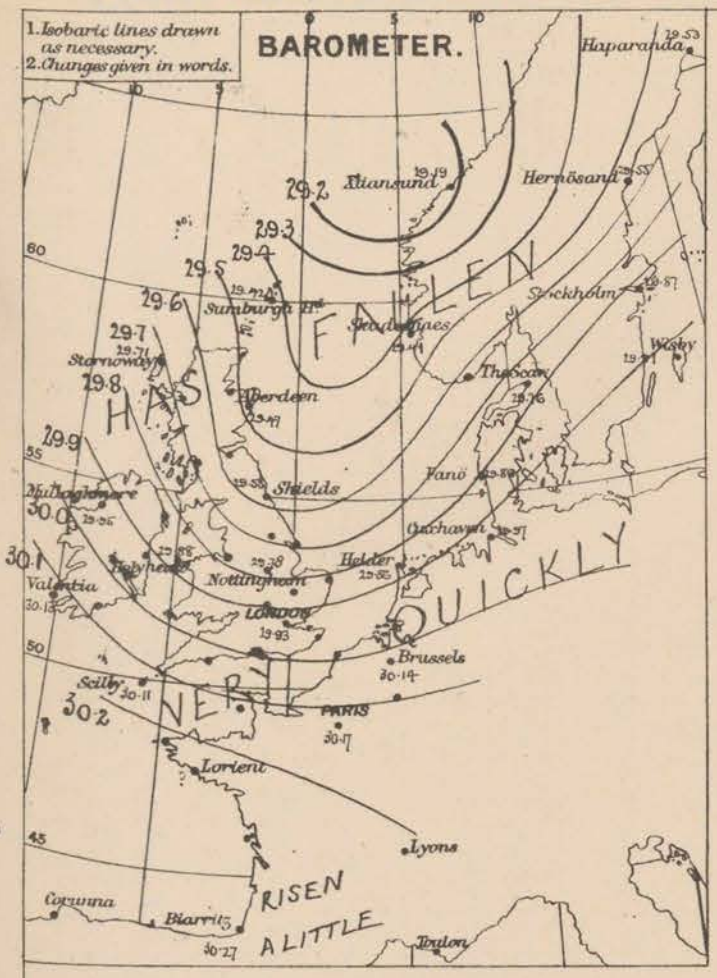
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

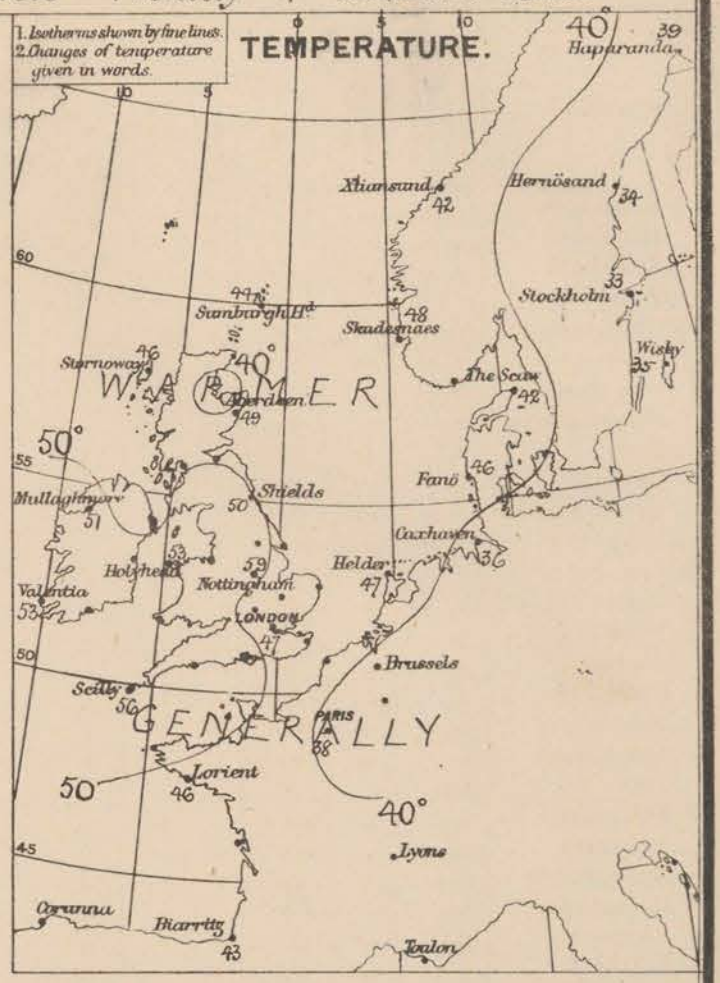
* AN ASTERISK is inserted in all places for which information is not usually received.

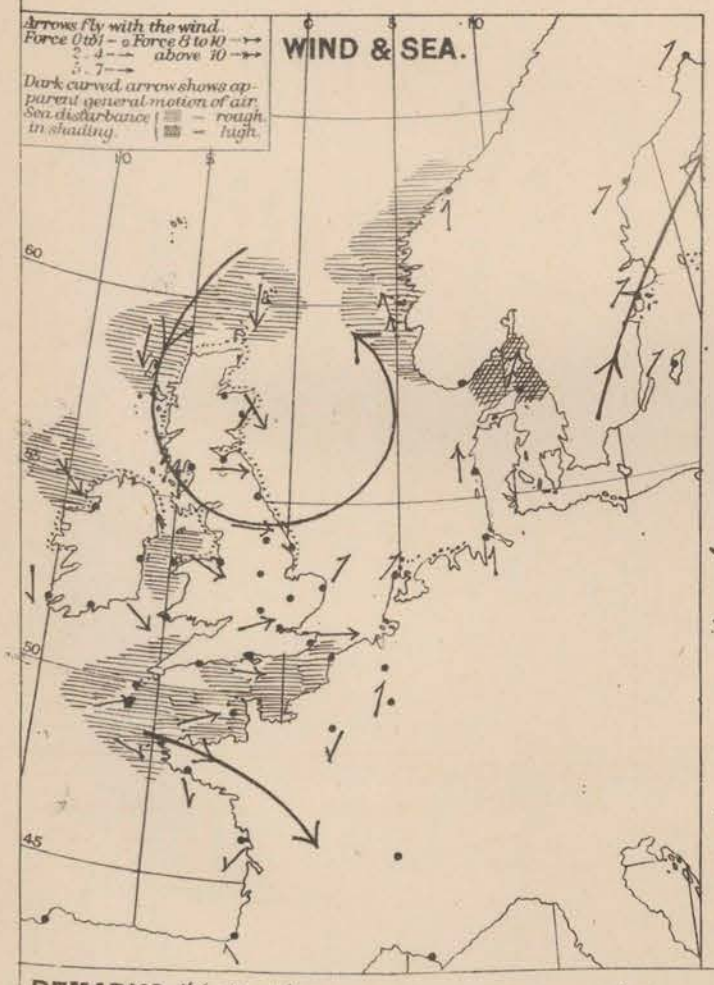
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

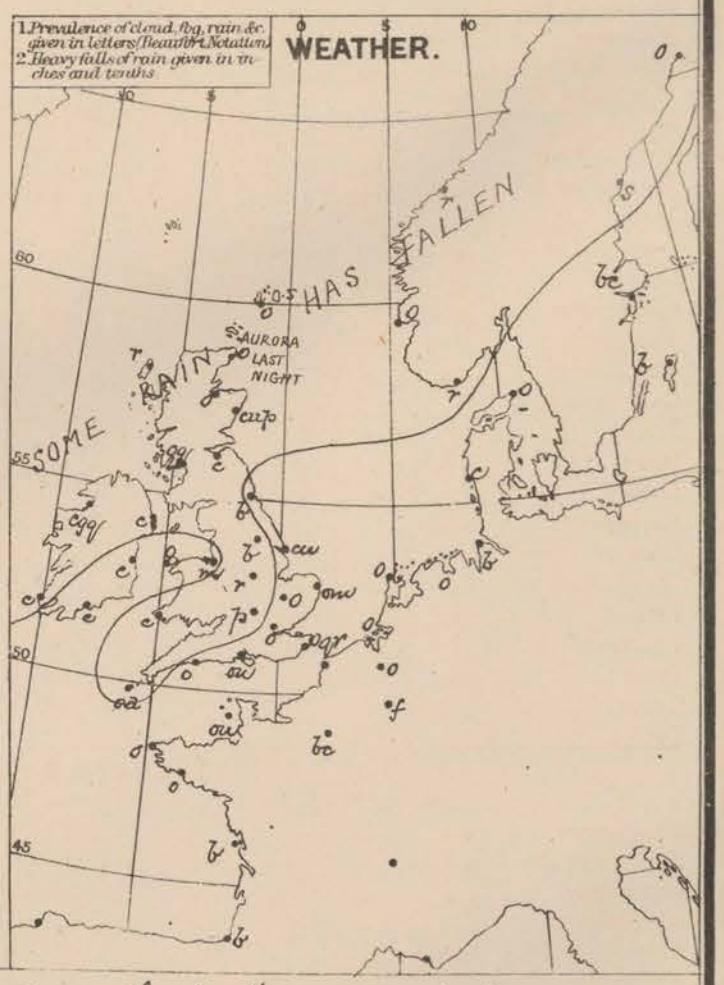
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Friday 17th October 1879.




A dotted line is drawn where the barometer and aneroid differ.

**REMARKS.** Weather this morning is in an exceedingly unsettled state over the whole Kingdom, and the sky is cloudy or overcast in nearly all places with rain at Stornoway, Nottingham and Dover. On the E^n shores of the North Sea the sky is also overcast, and rain is falling at Christiansund and Aar. Slight rain has fallen in the N. and W. Temperature has risen quickly in nearly all places, and is uniform between 45° and 55° over these Islands. In many cases the readings reported this morning are the maxima for the whole of the past 24 hours. Wind is N^ly in the Hebrides and Shetlands, N^ly or most of our W^n coasts, W^ly in most other places, but SW^ly in the SE. It still blows a gale in N. Ireland, and fresh or strong gales were experienced on all the more N^n coasts last night or evening. Sea is rough or moderate except in the NE, where it is slight.

Barometrical Indications. Pressure has decreased in all parts of W^n Europe, except the S. of France, the change being rapid in the N, but slight in the S. A rather deep depression has passed across Scotland in the night and now lies between the Shetlands and the coast of Norway.

Warnings. The South Cone was hoisted in the N. and NE, and the North Cone on our W^n coasts yesterday.

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Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

# DAILY WEATHER REPORT 18th October 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.42 | 36 | SE | 4 | r | 29.34 | − .19 | 40 | 37 | + 1 | S | 2 | c | * | 41 | 32 | 0.39 |
| Hernösand ... | 29.38 | 40 | S | 4 | r | 29.40 | − .15 | 31 | 30 | − [illegible] | SW | 2 | b | * | 41 | 27 | — |
| Stockholm ... | 29.60 | 39 | SSW | 2 | o | 29.47 | − .40 | 39 | 37 | + 6 | SSW | 2 | o | * | 43 | 25 | — |
| Wisby ... ... | 29.74 | 35 | S | 4 | b | 29.34 | − .37 | 36 | 35 | + 1 | S | 4 | b | * | 43 | 34 | 0.04 |
| Christiansund ... | 29.42 | 40 | NNW | 6 | bc | 29.52 | + .33 | 41 | 39 | − 1 | NNW | 6 | r | 5 | ? | 25 | 0.32 |
| Skudesnaes ... | 29.43 | 44 | NNW | 6 | bc | 29.56 | + .15 | 41 | 38 | − 7 | NNW | 6 | b | 4 | 50 | ? | — |
| Oxö (Christiansund) ... | 29.41 | 48 | S | 8 | r | 29.44 | − .18 | 43 | 39 | − 3 | N | 4 | c | 3 | 48 | 41 | 0.08 |
| Skagen (The Skaw) | 29.51 | 44 | SSW | 7 | o | 29.41 | − .35 | 42 | 40 | 0 | SSW | 4 | r | 4 | 46 | 37 | 0.08 |
| Fanö ... ... | 29.44 | 42 | S | 6 | r | 29.43 | − .37 | 42 | 42 | − 4 | S | 2 | f | * | 48 | 39 | 0.04 |
| Cuxhaven ... | 29.68 | 43 | S | 5 | r | 29.47 | − .50 | 44 | 44 | + 8 | S | 1 | fi | * | ? | 34 | 0.08 |
| Sumburgh Head | 29.67 | 41 | N | 4 | b | 29.80 | + .38 | 40 | 39 | − 4 | N | 1 | b | 2 | 44 | 38 | 0.01 |
| Stornoway ... | 29.83 | 43 | NNW | 3 | bc | 29.85 | + .14 | 38 | 37 | − 8 | W | 1 | b | 1 | 47 | 35 | 0.13 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.75 | 40 | NNW | 5 | c | 29.82 | + .32 | 35 | 34 | − 13 | W | 1 | o | o | ? 48 | 31 | 0.03 |
| Nairn ... ... | 29.83 | 41 | NW | 3 | c | 29.89 | + .31 | 40 | 38 | + 1 | W | 1 | bc | 1 | 45 | 39 | — |
| Aberdeen ... | 29.74 | 43 | NNW | 5 | c | 29.87 | + .40 | 40 | 38 | − 9 | WNW | 2 | b | 2 | 50 | 37 | 0.03 |
| Leith ... ... | 29.79 | 47 | NNW | 3 | c | 29.92 | + .34 | 37 | 36 | − 12 | WSW | 2 | b | * | 56 | ? | 0.02 |
| Shields ... ... | 29.74 | 47 | N | 3 | c | 29.92 | + .34 | 38 | 37 | − 12 | NW | 2 | bc | 3 | 55 | 35 | 0.01 |
| Spurn Head ... | 29.67 | 48 | W | 5 | bc | 29.83 | + .15 | 48 | 41 | − 1 | ? NW | 5 | b | 6 | 53 | 41 | 0.07 |
| York ... ... | 29.83 | 50 | NNW | 3 | o | 29.92 | + .34 | 37 | 35 | − 15 | NW | 1 | b | * | 56 | 34 | 0.04 |
| Nottingham ... | 29.79 | 49 | NW | 5 | o | 29.96 | + .18 | 40 | 38 | − 10 | L | 0 | b | * | 66 | 35 | 0.01 |
| Ardrossan ... | 29.83 | 46 | NW | 5 | bc | 29.93 | + .23 | 35 | 34 | − 15 | E | 1 | bm | 1 | 54 | 33 | — |
| Mullaghmore ... | 29.96 | 50 | NW | 5 | o | 29.93 | − .02 | 50 | 49 | − 1 | E | 1 | om | 1 | 54 | 47 | 0.05 |
| Donaghadee ... | 29.89 | 48 | N | 6 | bc | 29.97 | + .13 | 44 | 43 | − 5 | W | 3 | c | 2 | 51 | 43 | — |
| Kingstown ... | 29.95 | 52 | WNW | 5 | o | 30.01 | + .10 | 48 | 46 | − 4 | L | 0 | of | 1 | 55 | 47 | — |
| Holyhead ... | 29.89 | 52 | WNW | 7 | o | 29.98 | + .10 | 49 | 46 | − 4 | WNW | 2 | c | 1 | 54 | 48 | — |
| Liverpool (Bidston) | 29.82 | 47 | WNW | 6 | c | 29.96 | + .17 | 46 | 43 | − 6 | N | 1 | c | 1 | 53 | 44 | — |
| Valentia ... ... | 30.10 | 52 | NW | 2 | c | 30.04 | − .09 | 55 | 55 | + 2 | SW | 0 | o | 3 | 58 | 51 | 0.06 |
| Roche's Point ... | 30.03 | 53 | NNW | 5 | c | 30.02 | − .02 | 54 | 53 | + 1 | W | 2 | o | 3 | 57 | 44 | — |
| Pembroke ... | 29.96 | 54 | WNW | 5 | c | 30.01 | + .05 | 53 | 51 | − 2 | NW | 2 | bc | 2 | 55 | 50 | — |
| Scilly ... ... | 30.07 | 55 | NW | 5 | c | 30.08 | − .03 | 55 | 54 | − 1 | WNW | 3 | o | 4 | 57 | 54 | 0.01 |
| Prawle Point ... | 29.96 | 51 | WNW | 5 | c | 30.04 | .00 | 51 | 50 | − 2 | WNW | 2 | o | 2 | 59 | 47 | 0.02 |
| Hurst Castle ... | 29.88 | 52 | NW | 5 | c | 30.01 | + .02 | 46 | 45 | − 6 | NNW | 2 | c | 4 | 58 | 44 | — |
| Dover ... ... | 29.76 | 53 | WNW | 4 | c | 29.90 | − .06 | 43 | 40 | − 4 | NW | 3 | b | 2 | 56 | 42 | 0.04 |
| London ... ... | 29.81 | 53 | WNW | 4 | o | 29.95 | + .02 | 44 | 42 | − 3 | NW | 2 | bmv | * | 56 | 40 | — |
| Oxford ... ... | 29.82 | 51 | SW | 2 | o | 29.98 | + .08 | 48 | 46 | + 1 | NW | 1 | o | * | 56 | 40 | — |
| Cambridge ... | 29.75 | 49 | NW | 2 | bc | 29.95 | + .10 | 41 | 39 | − 5 | NW | 1 | b | * | 55 | 37 | 0.01 |
| Yarmouth ... | 29.66 | 49 | NW | 3 | r | 29.84 | + .02 | 44 | 43 | + 1 | NW | 4 | om | 4 | 51 | 42 | 0.20 |
| The Helder ... | * | * | * | * | * | 29.65 | − .21 | 50 | 47 | + 3 | NNW | 5 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.00 | 55 | WNW | 6 | c | 30.05 | − .09 | 54 | 51 | + 3 | NW | 3 | bc | 3 | 56 | 50 | 0.13 |
| Brest ... ... | 30.09 | 56 | WNW | 8 | o | 30.10 | − .11 | 55 | 53 | + 3 | NNW | 5 | o | 3 | 57 | 50 | 0.04 |
| Lorient ... ... | ? | 55 | WNW | 7 | r | ? | ? | 54 | 52 | + 8 | NNW | 5 | m | 4 | 59 | ? | — |
| Rochefort ... | 30.16 | 54 | WNW | 5 | o | 30.18 | − .07 | 58 | 55 | + 7 | NW | 8 | c | 4 | 70 | ? | — |
| Biarritz ... ... | 30.17 | 52 | E | 1 | bc | 30.16 | − .11 | 48 | 45 | + 5 | SW | 4 | o | 2 | 59 | 41 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29.79 | − .35 | 46 | 44 | + 7 | W | 5 | c | * | 49 | ? | 0.24 |
| Charleville ... | ? | 43 | SSW | 3 | r | ? | ? | 45 | 41 | ? | W | 3 | c | * | 47 | 30 | 0.20 |
| Paris ... ... | 29.91 | 47 | W | 3 | o | 29.96 | − .21 | 50 | 47 | + 12 | W | 4 | o | * | * | * | — |
| Lyons ... ... | | | | | | | | | | | | | | * | | | |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.39 | 50 | 49 | WSW | 2 | of | 4 |
| Sumburgh Head | 29.60 | 42 | 40 | N | 4 | c | 5 |
| Stornoway ... | 29.50 | 43 | 41 | NNW | 4 | c | 4 |
| Aberdeen ... | 29.67 | 48 | 45 | N | 6 | p | 3 |
| Shields ... ... | 29.65 | 55 | 51 | N | 6 | o | 3 |
| Ardrossan ... | 29.79 | 49 | 47 | NW | 6 | o | 4 |
| Mullaghmore ... | 29.97 | 52 | 49 | NW | 6 | og | 4 |
| Holyhead ... | 29.89 | 53 | 50 | WNW | 6 | c | 5 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 30.11 | 56 | 53 | WNW | 4 | c | 4 |
| Scilly ... ... | 30.07 | 57 | 54 | WNW | 6 | o | 5 |
| Dover ... ... | 29.76 | 56 | 53 | W | 4 | cp | 3 |
| London | 29.82 | 56 | 53 | WNW | 4 | og | 2 |
| Yarmouth ... | 29.66 | 51 | 50 | WNW | 4 | od | 2 |
| Jersey ... ... | 30.01 | 55 | 55 | W | 7 | og | 5 |
| Rochefort ... | 30.16 | 58 | 51 | NW | 5 | bc | 2 |

Pressure is increasing in the N. decreasing elsewhere. Readings are highest off the W. of Ireland, and lowest over the North Sea, so that W. winds prevail on our N. coasts and W. winds in the S. Temperature is beginning to fall again in the N.

### EXPLANATION OF COLUMNS.

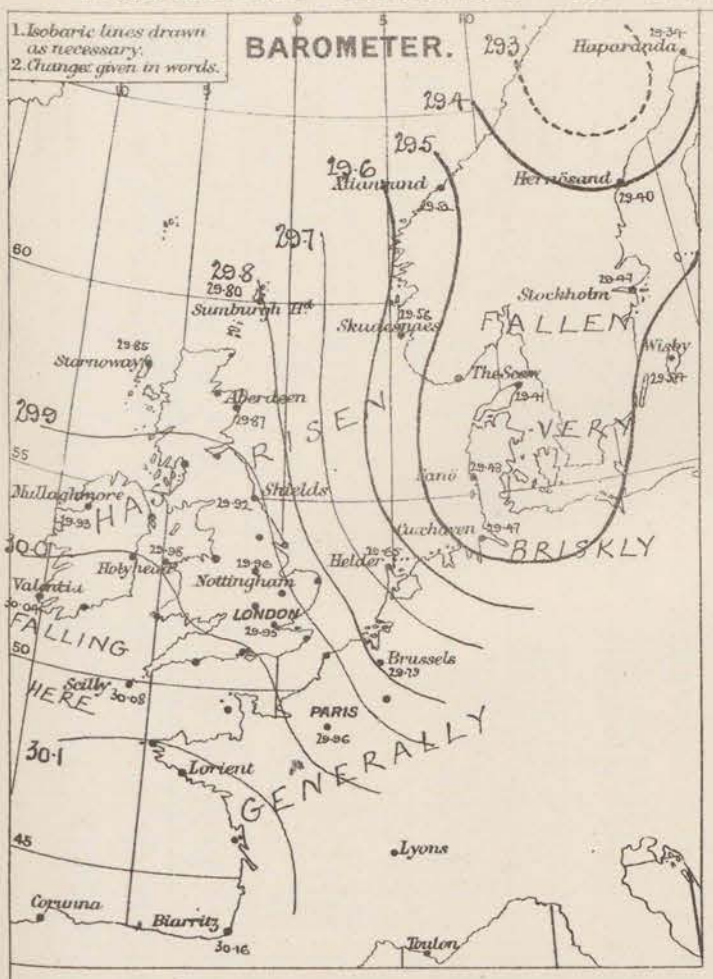
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

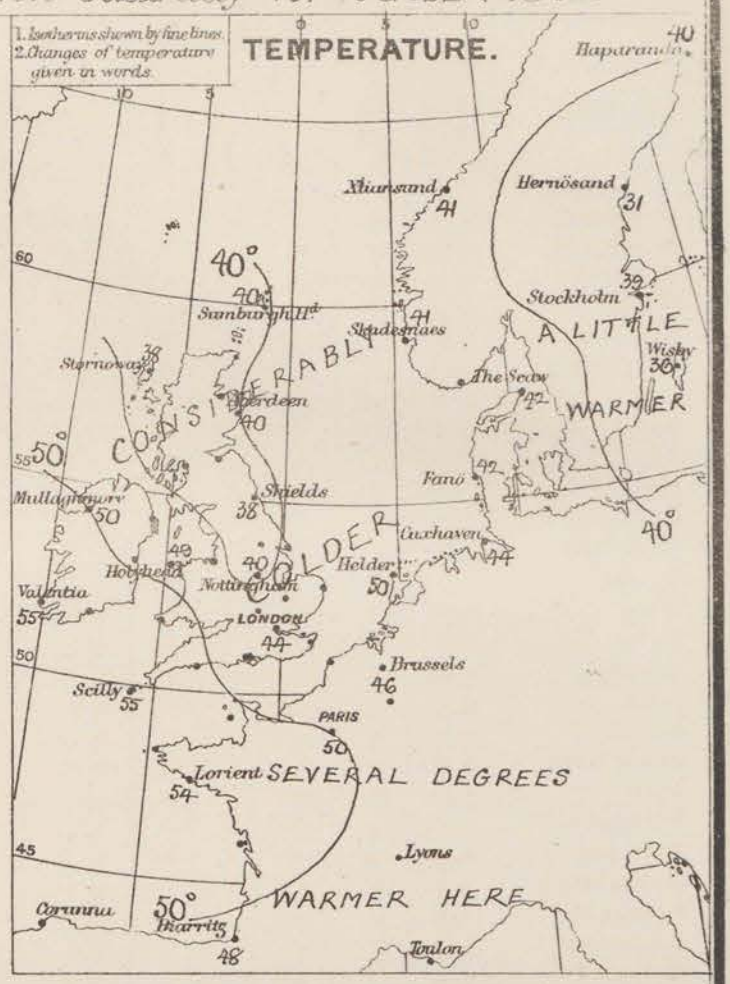
* AN ASTERISK is inserted in all places for which information is not usually received.

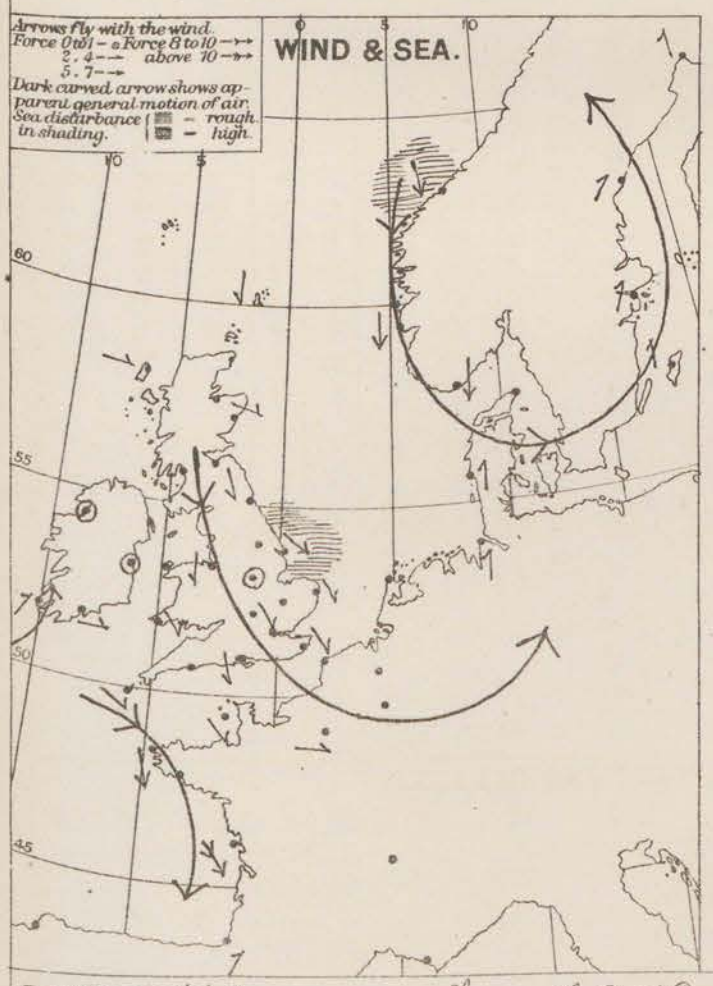
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

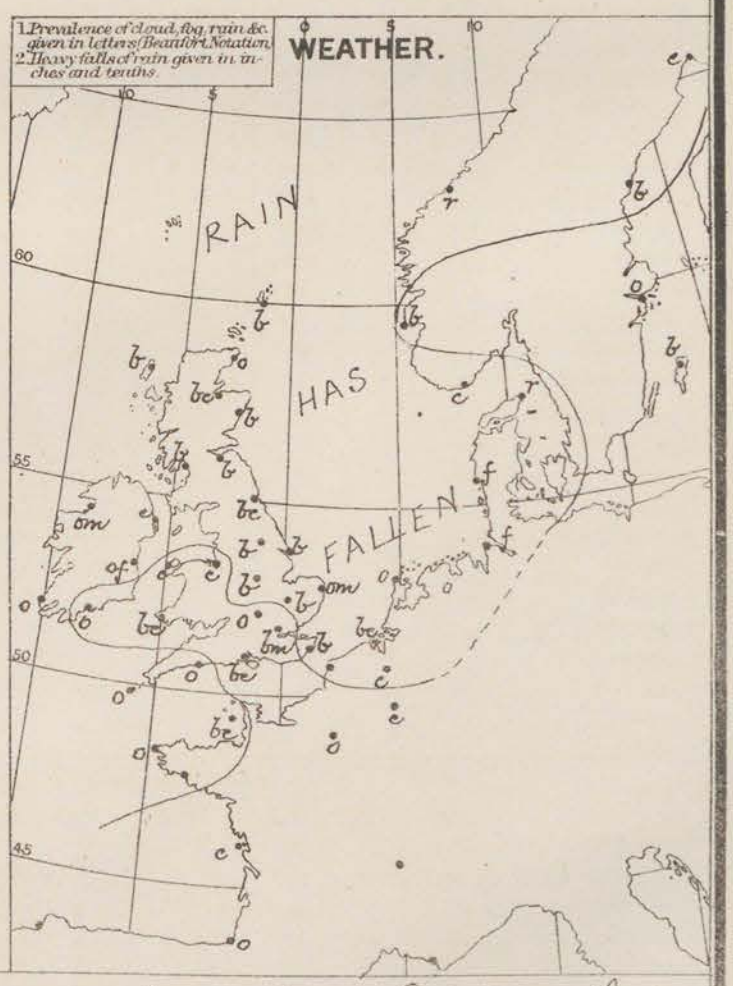
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Saturday 18th October 1879.




**REMARKS.** Weather is overcast over France, the SW. of England and over Ireland, while over Scotland, and the E. and central parts of England it is very fine. In Norway the sky is clear, but over N. Germany and Denmark rain and fog are spread. Slight rain has fallen during the past 24 hours, except over Wales and the E. of Ireland. Temperature has risen fast over France, changed very little on our W. coasts and fallen fast at the E. central and N. stations. At Wick the change amounts to 13° at Shields, to 12° and at York to 15°. During yesterday the maxima were higher than of late, ranging generally from 55° to 60°, but during last night the thermometer fell to 31° at Wick, to 33° at Aberdeen, 34° at York, and 37° at Cambridge. Wind is light on moderate on most coasts. It has backed to SW. at Valentia, but is W. to NW. on our other coasts. In Norway it is N. and in Denmark and Sweden S. Sea is moderate to smooth except at Spurn Head.

Barometrical Indications. Pressure is decreasing a little in the W. as well as over Sweden and Denmark, but is increasing elsewhere. Readings are highest over the Bay of Biscay, and low over N. Germany and the N. of Sweden.

Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/. per quarter. " book post 5/. " "

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT. Secretary.

Dancerfield Lith. 22 Bedford St. Covent Garden

# DAILY WEATHER REPORT 19th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.42 | 31 | N | 2 | o | 29.36 | + .02 | 31 | 31 | − 9 | NE | 2 | o | * | ? | 30 | — |
| Hernösand ... | 29.44 | 32 | Z | o | b | 29.32 | − .08 | 32 | 30 | + 1 | Z | o | o | * | 45 | 27 | — |
| Stockholm ... | 29.41 | 37 | NNW | 2 | r | 29.44 | − .03 | 33 | 31 | − 6 | NW | 2 | b | * | 46 | 28 | 0.12 |
| Wisby ... ... | 29.36 | 42 | W | 6 | r | 29.41 | − .13 | 41 | 37 | + 5 | N | 6 | c | * | 45 | 30 | 0.04 |
| Christiansund... | 29.61 | 38 | ESE | 1 | c | 29.32 | − .20 | 35 | 33 | − 6 | SE | 4 | bc | 4 | 43 | 28 | 0.04 |
| Skudesnaes ... | 29.61 | 40 | NNW | 2 | b | 29.27 | − .29 | 42 | 40 | + 1 | SE | 8 | r | 5 | 45 | 39 | 0.16 |
| Oxö (Xtiansund) ... | 29.53 | 43 | NNW | 2 | b | 29.45 | + .01 | 42 | 39 | − 1 | SE | 2 | o | 2 | 48 | 37 | — |
| Skagen (The Skaw) | 29.55 | 45 | N | 5 | b | 29.34 | + .13 | 42 | 36 | o | S | 2 | c | 1 | 45 | 34 | 0.08 |
| Fanö ... ... | 29.63 | 42 | NW | 4 | b | 29.53 | + .10 | 47 | 44 | + 5 | SSW | 4 | c | * | 50 | 41 | — |
| Cuxhaven ... | 29.63 | 50 | NNW | 7 | o | 29.68 | + .21 | 45 | 45 | + 1 | SW | 2 | o | * | 50 | 41 | 0.01 |
| Sumburgh Head | 29.65 | 43 | S | 2 | o | 28.91 | − .89 | 45 | 48 | + 8 | W | 3 | r | 3 | 49 | 38 | 0.78 |
| Stornoway ... | 29.43 | 47 | SSW | 7 | o | 29.00 | − .85 | 47 | 46 | + 9 | WSW | 7 | rq | 5 | 51 | 37 | 0.46 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.57 | 45 | S | 5 | r | 28.97 | − .85 | 50 | 49 | + 15 | SW | 5 | c | 2 | 50 | 34 | 0.45 |
| Nairn ... ... | 29.57 | 43 | W | 1 | r | 29.04 | − .86 | 49 | 47 | + 9 | W | 1 | bc | 2 | 50 | 40 | 0.21 |
| Aberdeen ... | 29.68 | 45 | S | 2 | o | 29.04 | − .83 | 52 | 50 | + 12 | WNW | 3 | b | 3 | 55 | 40 | 0.41 |
| Leith ... ... | 29.71 | 45 | WSW | 1 | r | 29.17 | − .75 | 52 | 50 | + 15 | WSW | 5 | bc | * | 58 | ? | 0.20 |
| Shields ... ... | 29.82 | 46 | WNW | 2 | o | 29.26 | − .66 | 59 | 57 | + 21 | W | 6 | o | 2 | 59 | 47 | 0.06 |
| Spurn Head ... | 29.87 | 45 | SSE | 2 | o | 29.42 | − .41 | 55 | 54 | + 7 | SSW | 5 | c | 4 | 55 | 44 | 0.02 |
| York ... ... | 29.86 | 46 | SW | 1 | o | 29.48 | − .44 | 57 | 55 | + 20 | WSW | 4 | o | * | 57 | 35 | 0.03 |
| Nottingham ... | 29.90 | 46 | S | 2 | o | 29.51 | − .45 | 57 | 55 | + 7 | SW | 4 | ow | * | 57 | 38 | 0.02 |
| Ardrossan ... | 29.69 | 49 | WSW | 4 | r | 29.26 | − .67 | 52 | 50 | + 7 | WSW | 6 | cq | 4 | 55 | 34 | 0.44 |
| Mullaghmore ... | 29.69 | 55 | SW | 5 | r | 29.41 | − .32 | 52 | 50 | + 2 | WSW | 8 | c | 6 | 57 | 49 | 0.41 |
| Donaghadee ... | 29.71 | 51 | S | 2 | r | 29.40 | − .37 | 51 | 51 | + 7 | WNW | 3 | c | 2 | 55 | 44 | 0.11 |
| Kingstown ... | 29.76 | 58 | W | 4 | o | 29.50 | − .51 | 54 | 52 | + 6 | WNW | 6 | bcq | 4 | 60 | 47 | 0.11 |
| Holyhead ... | 29.78 | 54 | S | 2 | r | 29.32 | − .46 | 54 | 53 | + 5 | W | 6 | r | 4 | 58 | 48 | 0.46 |
| Liverpool (Bidston) | 29.82 | 48 | SSE | 1 | r | 29.44 | − .32 | 57 | 56 | + 11 | WSW | 5 | o | 2 | 58 | ? 46 | 0.13 |
| Valentia ... ... | 29.91 | 56 | WSW | 5 | o | 29.69 | − .35 | 54 | 52 | − 1 | WSW | 5 | cq | 5 | 58 | 52 | 0.25 |
| Roche's Point... | 29.87 | 56 | W | 3 | c | 29.68 | − .34 | 58 | 57 | + 4 | W | 5 | ow | 4 | 59 | 54 | 0.38 |
| Pembroke ... | 29.90 | 55 | WSW | 5 | r | 29.63 | − .38 | 57 | 56 | + 4 | WSW | 8 | o | 6 | 57 | 53 | 0.21 |
| Scilly ... ... | 30.02 | 56 | WSW | 5 | r | 29.89 | − .19 | 58 | 57 | + 3 | WSW | 8 | o | 6 | 58 | 54 | 0.09 |
| Prawle Point ... | 29.95 | 55 | SW | 3 | f | 29.82 | − .22 | 55 | 55 | + 4 | SW | 6 | m | 5 | 56 | 50 | 0.09 |
| Hurst Castle ... | 29.99 | 53 | W | 3 | o | 29.77 | − .24 | 55 | 55 | + 9 | W | 6 | ow | 6 | 55 | 45 | 0.19 |
| Dover ... ... | 29.99 | 46 | WNW | 2 | b | 29.67 | − .23 | 55 | 54 | + 2 | W | 5 | c | 4 | 56 | 42 | 0.38 |
| London ... ... | 29.97 | 46 | W | 2 | bc | 29.67 | − .28 | 56 | 54 | + 12 | W | 5 | o | * | 56 | 43 | 0.02 |
| Oxford ... ... | 29.95 | 49 | W | 1 | o | 29.64 | − .34 | 56 | 55 | + 8 | W | 5 | o | * | 56 | 43 | 0.07 |
| Cambridge ... | 29.95 | 41 | NW | 1 | b | 29.57 | − .38 | 56 | 54 | + 15 | SW | 2 | o | * | 57 | 39 | 0.05 |
| Yarmouth ... | 29.91 | 45 | Z | o | bc | 29.56 | − .28 | 55 | 55 | + 11 | WSW | 3 | ow | 3 | 55 | 41 | 0.01 |
| The Helder ... | * | * | * | * | * | 29.57 | − .08 | 46 | 45 | − 4 | S | 2 | r | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.08 | 54 | W | 2 | o | 29.94 | − .11 | 57 | 56 | + 3 | W | 8 | cq | 6 | 57 | 53 | 0.18 |
| Brest ... ... | 30.11 | 56 | NW | 4 | m | 30.02 | − .08 | 57 | 56 | + 2 | WNW | 8 | r | 5 | 57 | ? | 0.04 |
| Lorient ... ... | ? | 57 | NW | 4 | o | 30.04 | ? | 58 | 58 | + 4 | W | 7 | r | 4 | 61 | 48 | — |
| Rochefort ... | 30.15 | 60 | NW | 5 | o | 30.15 | − .03 | 59 | 59 | + 1 | W | 7 | r | 2 | 70 | 54 | 0.04 |
| Biarritz ... ... | 30.23 | 60 | W | 5 | o | 30.23 | + .07 | 57 | 53 | + 9 | S | 4 | b | 2 | 61 | 46 | - |
| Corunna ... ... | * | * | * | * | * | 30.27 | | 50 | * | | NE | 3 | c | 4 | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29.72 | − .07 | 48 | 47 | + 2 | SW | 7 | r | * | 50 | 41 | 0.08 |
| Charleville ... | ? | 45 | WNW | 3 | bc | ? | ? | 45 | 43 | o | SSW | 1 | r | * | 51 | 34 | 0.08 |
| Paris ... ... | 30.06 | 49 | ? | 3 | o | 29.91 | − .05 | 54 | 51 | + 4 | SSE | 3 | o | * | * | * | 0.12 |
| Lyons ... ... | 30.10 | 47 | W | 1 | r | 30.21 | + .16 | 48 | 47 | + 6 | E | 1 | f | * | 49 | 42 | 0.16 |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.61 | 44 | 40 | NNW | 6 | bc | 4 | Valentia ... | 29.96 | 57 | 57 | W | 4 | cmd | 4 |
| Sumburgh Head | 29.75 | 45 | 40 | S | 1 | b | 2 | Scilly ... ... | 30.06 | 56 | 56 | W | 4 | f | 4 |
| Stornoway ... | 29.64 | 45 | 44 | WSW | 2 | r | 2 | Dover ... ... | 29.96 | 50 | 44 | NNW | 3 | b | 2 |
| Aberdeen ... | 29.80 | 45 | 43 | WSW | 1 | b | 1 | London ... | 29.99 | 51 | 45 | WNW | 2 | bc | * |
| Shields ... ... | 29.89 | 42 | 40 | WNW | 2 | b | 3 | Yarmouth ... | 29.90 | 48 | 45 | NW | 3 | bc | 4 |
| Ardrossan ... | 29.83 | 49 | 45 | SSW | 4 | o | 4 | Jersey ... ... | 30.10 | 56 | 52 | NW | 2 | cg | 2 |
| Mullaghmore ... | 29.76 | 56 | 55 | SW | 5 | m | 3 | Rochefort ... | 30.08 | 62 | 57 | NW | 7 | c | 4 |
| Holyhead... ... | 29.93 | 53 | 50 | SSW | 2 | m | 1 | | | | | | | | |

The barometer shows a slight rise in the SE., with a NE wind, but is falling in all other places with W to SW breezes. The weather is dull and unsettled on our western coasts, very fine in the East

### EXPLANATION OF COLUMNS.

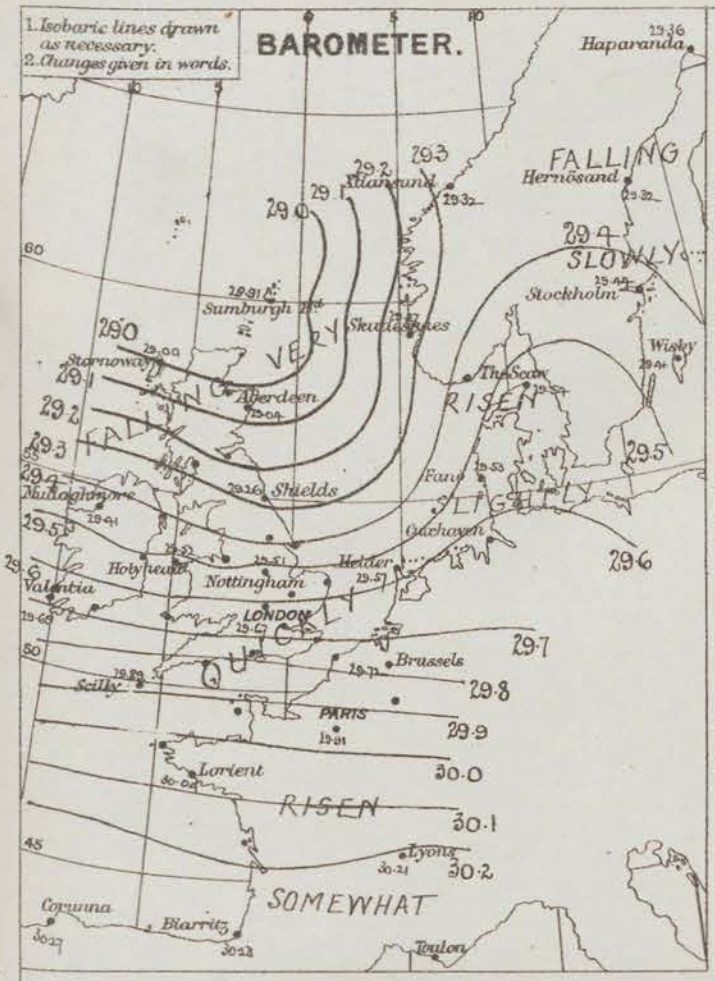
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

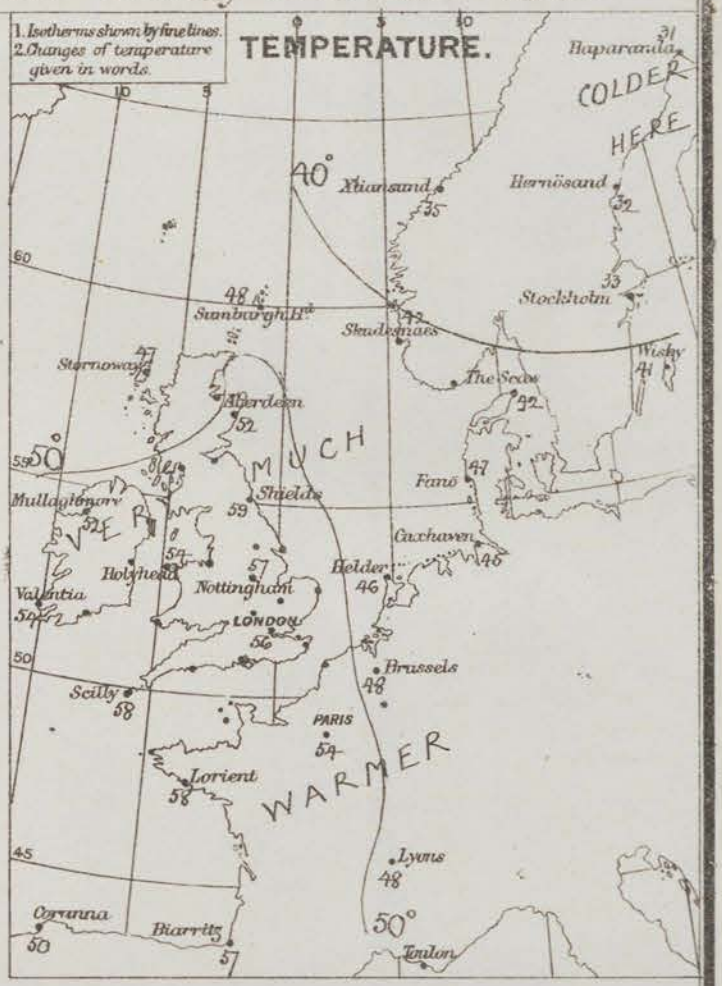
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

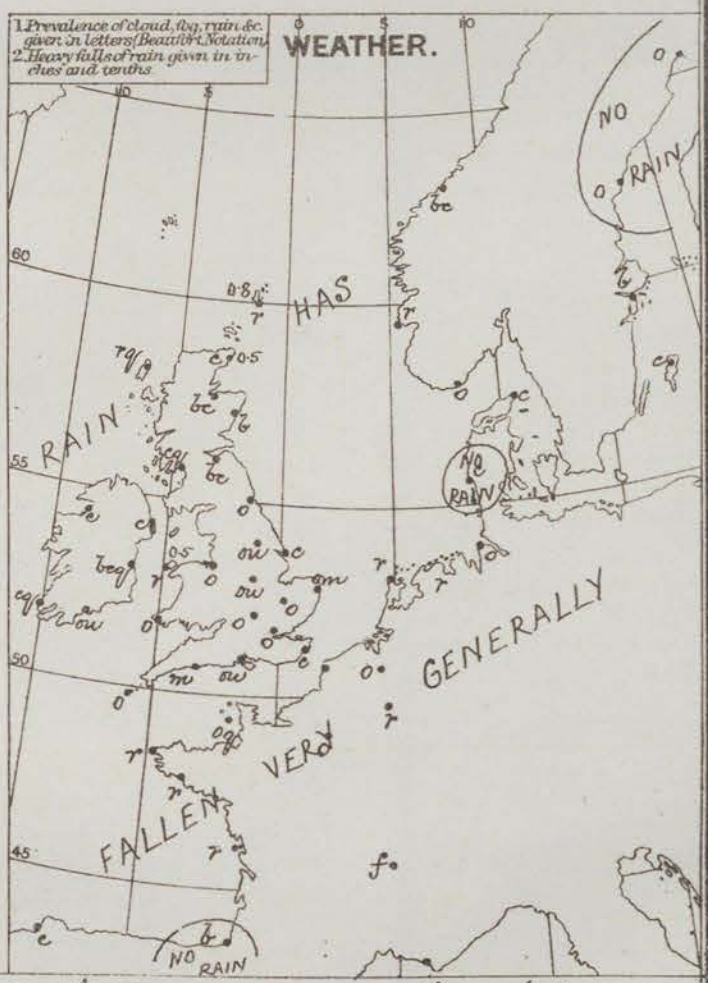
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Sunday 19 October 1879.



A dotted line is drawn round all our coasts as the signals are up in all places.




**REMARKS.** Weather this morning is in an exceedingly unsettled state. The sky is overcast except in the E. of Scotland and rain is falling in the Shetlands and Hebrides. Some rain has fallen during the past 24 hours in nearly all places. Temperature has risen very generally, the change being as much as from 12° to 20° degrees at an outer E. and central stations. Wind is W. on nearly all our coasts, but draws into SE in Norway. It is fresh or strong at most stations, and blows a gale over the W. half of the Channel and at Skudesnaes. Sea is moderate or slight on our W. and E. coasts, but is rough in the N. and S.

Barometrical Indications. Pressure has given way over the whole of W. Europe, the fall amounting to nearly an inch in the Shetlands. A deep depression lies to the N. of Scotland, while readings are highest over France.

Warnings. All our coasts have been warned last night or this morning.

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Subscription for these Charts payable in advance to cover delivery.

Delivery by hand 10/- per quarter.
" book post 5/- " "

Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St Covent Garden

# SUMMARY OF WEATHER IN WESTERN EUROPE

*from* OCTOBER 12TH *to* OCTOBER 19TH 1879.

*(Issued Weekly as a Supplement to the "Daily Weather Report.")*

Weather during this week may be divided into two classes. At first an area of high pressure extended from Ireland E.wd as far as N. Germany, so that while W.ly breezes prevailed on our N. coasts, over the North Sea, and in Scandinavia, E.ly breezes were reported in the S. and over France. The weather during this period, which lasted until Tuesday morning, was dry though foggy and dull and temperature was low. On Tuesday a depression passed S.ly along our E. coast and N.ly winds prevailed generally, with cold raw weather, and these conditions continued during Wednesday though on the latter day the weather was much finer. On Thursday a sudden change commenced, a brisk fall of the barometer occurred at Stornoway with a S.ly gale and as the depression which caused this decrease passed over, S.ly to W.ly gales were experienced on all our more N. coasts, with rapid rise of temperature. On Friday the barometer was rising quickly the disturbance was passing away E.wd, and the wind (still blowing strong to a gale) had veered to NW or W, and at night temperature fell again quickly. On Saturday a fresh fall appeared at Stornoway, the winds again backed to the S.wd, temperature rose, and as the week closed there was every indication of a renewal of the gale on most coasts. The most marked feature during the latter part of this week has been the sudden and extensive variation in temperature.

## SUNDAY OCTR 12TH

Weather fine over the W. and S. of France, cloudy or dull in all other parts of Western Europe, with thick fog or mist over Ireland and the SE. and E. of England. Very slight rain subsequently falling in NW. and N.

Temperature changing little and irregularly, low over the NW. of France and SE. and Central England. Readings ranging from 45° at Hurst Castle to 50° at Wick and 57° at Scilly. Maxima very low SE.

Wind light from the W.wd on our N. coasts, strong from NW. over Scandinavia and Denmark, and strong to light from E. over France and the Channel. Scarcely any change during the day.

Sea slight to calm except at Lumburgh Head.

Barometer falling slightly in the Hebrides and Shetlands, and briskly over the Baltic, rising elsewhere. Anticyclone still shown over these Islands, but beginning to give way and depression advancing to our N. coasts during day.

## MONDAY OCTR 13TH

Weather fine S. and W. of France, cloudy or dull in nearly all other places, with fog and drizzle in the SE of England and over the E. of France. Slight rain over Ireland and Scotland later, but weather dry though dull generally.

Temperature changed little and irregularly. Readings rather below 50° over the inland parts of England and France, slightly above on the coasts. Maxima between 50° and 60°, very low in the SE.

Wind W.ly at all the more N. stations and E.ly in the S., with a N.ly gale at Christiansund. Blowing freshly in N. Scotland and over the North Sea. No change during day.

Sea high at Skagen and Christiansund, rough at Lumburgh Head.

Barometer falling over the whole of Western Europe, quickly over Scandinavia and N Scotland, and slowly elsewhere. Band of high pressure still shown over Ireland and England with large depression over the Baltic. Recovery commencing in N. later.

## TUESDAY OCTR 14TH

Weather overcast in nearly all parts of our area, with mist and fog in a good many places, sleet in the N. of Norway, and showers of rain at Valentia. Slight rain falling over England and Scotland later.

Temperature fallen fast over Norway and the N. of Scotland, risen slightly over England, changed little elsewhere. Readings ranging over these Islands from 39° in the Shetlands to 53° at Scilly. Fall of temperature spreading quickly S.wd later.

Wind N.ly in Scotland, W.ly over England, and E.ly over France; N.ly wind extending to all but our SE. stations later.

Sea moderate to smooth.

Barometer falling except in the N. of Scotland, where slight recovery taking place. Readings highest off our SW. coast, lowest over Baltic, but small depression off our NE. coast. Depression passing slowly S.wd during day, followed by rise of barometer

## WEDNESDAY Oct 16th

Weather fine at most of our stations, as well as on the E. shores of the North Sea, but dull in the SE. with rain in E. England and sleet at Aberdeen. Very fine during the day except at Yarmouth and on our W. coast.

Temperature fallen everywhere, slowly in the N. but very rapidly over the S. of Scotland and N. of England. Readings ranging from 35° at Leith to 52° at Scilly. Maxima very low, not exceeding 50° except in the SW.

Wind N. over the whole of W. Europe, moderate to fresh in force generally. No change during the day.

Sea moderate to smooth except at Sumburgh Head.

Barometer falling a little over France and N. Germany, rising elsewhere. Readings highest off the W. of Ireland, lowest over the Baltic. Pressure giving way except in the N. at 6 pm, but change very slight.

## THURSDAY Octr 17th

Weather cloudy or dull in the W. and SW., clear at the E. and Central stations and over most of the countries to the E. of the North Sea. Weather fine all day in SE., but rain and gloom setting in in NW.

Temperature fallen fast, and very low over France and our Central and S. stations, changed little elsewhere – varying from 34° at Oxford to 49° at Scilly. Maxima low SE. but rapid rise commencing in NW.

Wind backed suddenly to S. on our W. and NW. coasts, still N. elsewhere. Blowing a gale at Stornoway, light or moderate elsewhere. SW. gale and strong winds spreading S. and E. later.

Sea slight except at Stornoway and the E. of England.

Barometer falling briskly N. and W. rising slowly elsewhere. Area of high pressure over our SW. stations and depression appearing in NW. Disturbance advancing E. later and mercury falling fast.

## FRIDAY Octr 18th

Weather fine in the SW. of France, at Cuxhaven and at some NE. stations, dull and unsettled elsewhere, with squalls and rain in the W. and S. No improvement during day.

Temperature rises very fast, the change exceeding 10° generally, and amounting to 17° at Hurst Castle. Readings ranging from 39° at Nairn to 56° at Scilly. Maxima generally between 55° and 60° except in the N. and NW.

Wind N. in Scotland, between NW. and W. on our other coasts, and S. on the E. shores of the North Sea. Blowing a gale at all the more N. ports and over Denmark and Norway, strong gale generally. Gale dying down at night.

Sea rough N., W., and S.

Barometer rising fast at Stornoway, still falling elsewhere; decrease exceeding three quarters of an inch in E. Scotland and W. Norway. Deep depression near Christiansund, subsidiary disturbance between Shetlands and Norway. Barometer rising in N. during day.

## SATURDAY Octr 19th

Weather overcast over Ireland and France, foggy in Denmark, dull and rainy in Scandinavia, very fine at most of our stations. Fine in E. and SE. all day, but rain and cloud setting in in NW.

Temperature rises very fast over France and N. Germany, fallen very considerably over the British Isles. Readings ranging from 35° at Wick and 37° at York to 55° in the SW. Thermometer rising very fast later in day.

Wind SW. at Valentia, N. at all our more N. stations, and N. in the E. and S., light in force. SW. gale springing up at Stornoway at night and winds backing generally.

Sea moderate to smooth.

Barometer falling on our W. and NW. coasts, rising elsewhere – briskly on our NE. coasts, slightly elsewhere. Brisk decrease of pressure taking place at Stornoway later and spreading to all coasts.

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*Meteorological Office,*
116, *Victoria Street, Westminster, S.W.,*
ROBERT H. SCOTT, Secretary.

# DAILY WEATHER REPORT 20th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.25 | 26 | N | 2 | b | 29.17 | − .19 | 24 | 23 | − 7 | N | 2 | bc | * | ? | 21 | — |
| Hernösand ... | 29.18 | 34 | Z | 0 | o | 28.96 | − .36 | 34 | 33 | + 2 | E | 4 | s | * | 37 | 23 | 0.08 |
| Stockholm ... | 28.86 | 35 | SSE | 2 | c | 28.84 | − .60 | 46 | 43 | + 13 | SSW | 2 | or | * | ? | 27 | 0.12 |
| Wisby ... ... | 29.30 | 41 | NE | 6 | o | 28.92 | − .49 | 47 | 46 | + 6 | WSW | 6 | bc | * | ? | 34 | 0.20 |
| Christiansund... | | | | | | 28.73 | | | | | | | | | | | |
| Skudesnaes ... | 28.73 | 48 | NW | 6 | o | 28.73 | − .54 | 45 | 42 | + 3 | W | 4 | bc | 3 | 48 | 41 | — |
| Oxö (Xtiansund) ... | 28.80 | 48 | SW | 6 | r | 28.78 | − .67 | 45 | 44 | + 3 | SW | 4 | c | 4 | 48 | ? | 0.55 |
| Skagen (The Skaw) | 29.88 | 48 | S | 9 | r | 28.84 | − .70 | 44 | 41 | + 2 | SW | 4 | bc | 3 | 48 | 39 | 0.35 |
| Fanö ... ... | 29.07 | 52 | W | 6 | c | 28.91 | − .62 | 48 | 46 | + 1 | WSW | 4 | c | * | 54 | 45 | 0.55 |
| Cuxhaven ... | 29.29 | 53 | WSW | 6 | r | 29.09 | − .59 | 49 | 48 | + 4 | WSW | 4 | o | * | ? | 43 | 0.56 |
| Sumburgh Head | 28.76 | 46 | WNW | 5 | o | 28.90 | − .01 | 42 | 40 | − 6 | N | 4 | c | 4 | 50 | 40 | 0.52 |
| Stornoway ... | 28.90 | 43 | W | 4 | o | 29.15 | + .15 | 44 | 44 | − 3 | NW | 5 | bc | 5 | 47 | 34 | 0.30 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 28.87 | 44 | WNW | 5 | c | 28.98 | + .01 | 44 | 42 | − 6 | NW | 3 | og | 2 | 51 | 35 | 0.05 |
| Nairn ... ... | 28.98 | 44 | NNW | 2 | c | 29.09 | + .05 | 40 | 39 | − 9 | W | 1 | b | 1 | 51 | 40 | 0.20 |
| Aberdeen ... | 29.02 | 45 | WSW | 2 | b | 29.02 | − .02 | 44 | 41 | − 8 | NW | 4 | b | 2 | 58 | 39 | 0.02 |
| Leith ... ... | 29.12 | 47 | SW | 4 | c | 29.11 | − .06 | 43 | 41 | − 9 | W | 3 | bc | * | 56 | 43 | 0.11 |
| Shields ... ... | 29.20 | 46 | W | 2 | o | 29.08 | − .18 | 44 | 43 | − 15 | NNW | 8 | b | 2 | ? 59 | 39 | 0.09 |
| Spurn Head ... | 29.31 | 50 | SW | 5 | bc | 29.13 | − .29 | 47 | 44 | − 8 | SW | 7 | b | 6 | 57 | 45 | 0.07 |
| York ... ... | 29.31 | 51 | W | 3 | o | 29.15 | − .33 | 46 | 42 | − 11 | W | 4 | bc | * | 59 | 42 | 0.06 |
| Nottingham ... | 29.40 | 54 | W | 5 | o | 29.28 | − .23 | 47 | 44 | − 10 | WNW | 6 | cp | * | 63 | 42 | 0.04 |
| Ardrossan ... | 29.7 | 49 | W | 7 | c | 29.16 | − .10 | 48 | 42 | − 7 | NW | 6 | b | 4 | 52 | 43 | 0.39 |
| Mullaghmore ... | 29.32 | 50 | W | 9 | c | 29.38 | − .03 | 46 | 44 | − 6 | NNW | 10 | bcq | 7 | 53 | 44 | 0.32 |
| Donaghadee ... | 29.32 | 45 | WSW | 3 | c | 29.29 | − .11 | 42 | 42 | − 9 | W | 4 | r | 3 | 53 | 42 | 0.16 |
| Kingstown ... | 29.42 | 51 | W | 6 | bc | 29.40 | − .10 | 45 | 43 | − 9 | ? W | 5 | c | 4 | 59 | 44 | 0.03 |
| Holyhead ... | 29.42 | 52 | WSW | 5 | o | 29.33 | − .19 | 49 | 45 | − 5 | WNW | 8 | o | 6 | 56 | 48 | 0.06 |
| Liverpool (Bidston) | 29.37 | 50 | WSW | 6 | o | 29.25 | − .19 | 47 | 45 | − 10 | W | 8 | o | 5 | 57 | 47 | 0.06 |
| Valentia ... ... | 29.64 | 53 | W | 5 | c | 29.66 | − .03 | 52 | 49 | − 2 | NW | 4 | c | 5 | 58 | 50 | 0.08 |
| Roche's Point... | 29.59 | 55 | WNW | 5 | c | 29.36 | − .12 | 52 | 48 | − 16 | NW | 6 | b | 4 | 59 | 50 | 0.04 |
| Pembroke ... | 29.55 | 55 | W | 7 | c | 29.48 | − .15 | 51 | 46 | − 6 | NW | 7 | bc | 5 | 57 | 48 | 0.32 |
| Scilly ... ... | 29.74 | 58 | WSW | 9 | o | 29.64 | − .25 | 54 | 52 | − 4 | W | 9 | ow | 7 | 58 | 53 | 0.10 |
| Prawle Point ... | 29.65 | 56 | WSW | 7 | m | 29.53 | − .29 | 49 | 49 | − 6 | WNW | 6 | r | 5 | 57 | 48 | 0.42 |
| Hurst Castle ... | 29.62 | 56 | W | 7 | o | 29.48 | − .29 | 50 | 49 | − 5 | WNW | 5 | p | 6 | 56 | 50 | 0.05 |
| Dover ... ... | 29.57 | 57 | W | 7 | o | 29.37 | − .30 | 50 | 48 | − 5 | W | 5 | c | 4 | 58 | 49 | 0.05 |
| London ... ... | 29.50 | 58 | W | 5 | od | 29.38 | − .29 | 49 | 47 | − 7 | NW | 4 | c | * | 60 | 48 | 0.13 |
| Oxford ... ... | 29.53 | 52 | W | 1 | o | 29.38 | − .26 | 47 | 45 | − 9 | ? WNW | 1 | o | * | 59 | 45 | 0.10 |
| Cambridge ... | 29.45 | 54 | SW | 3 | bc | 29.30 | − .27 | 47 | 44 | − 9 | WSW | 2 | b | * | 64 | 45 | 0.08 |
| Yarmouth ... | 29.41 | 57 | W | 4 | bc | 29.24 | − .32 | 46 | 45 | − 9 | W | 5 | bq | 3 | 62 | 45 | 0.08 |
| The Helder ... | * | * | * | * | * | 29.13 | − .44 | 50 | 46 | + 4 | W | 6 | r | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 29.80 | 59 | WSW | 9 | o | 29.62 | − .32 | 53 | 52 | − 4 | W | 7 | ogrm | 6 | 59 | 52 | 0.21 |
| Brest ... ... | 29.90 | 57 | WNW | 7 | r | 29.75 | − .27 | 55 | 54 | − 2 | NW | 7 | r | 5 | 59 | 54 | 0.08 |
| Lorient ... ... | 29.97 | 58 | W | 7 | r | ? 29.75 | − .29 | 57 | 53 | − 1 | W | 7 | m | 6 | 59 | 54 | 0.16 |
| Rochefort ... | 30.11 | 61 | WSW | 7 | o | ? 29.92 | − .23 | 60 | 58 | + 1 | W | 8 | f | 7 | 72 | 55 | — |
| Biarritz ... ... | 30.16 | 60 | N | 1 | b | 30.04 | − .19 | 59 | 53 | + 2 | SW | 2 | bc | 12 | 63 | 54 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29.36 | − .36 | 49 | 48 | + 1 | SW | 8 | o | * | 57 | ? | 0.35 |
| Charleville ... | ? | 55 | S | 7 | c | ? | ? | 52 | 49 | + 7 | WSW | 7 | r | * | 58 | 45 | 1.10 |
| Paris ... ... | 29.86 | 61 | SW | 5 | o | 29.58 | − .33 | 55 | 53 | + 1 | SSW | 5 | o | * | * | * | 0.35 |
| Lyons ... ... | 30.14 | 57 | E | 1 | o | 29.91 | − .30 | 53 | 51 | + 5 | SW | 1 | o | * | 55 | 45 | 0.04 |
| Toulon ... ... | 30.03 | 53 | W | 8 | b | 30.07 | | 59 | 54 | | W | 5 | b | 4 | 66 | 50 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 28.74 | 46 | 45 | SSE | 8 | rf | 7 |
| Sumburgh Head | | | | | | | |
| Stornoway ... | | | | | | | |
| Aberdeen ... | | | | | | | |
| Shields ... ... | | | | | | | |
| Ardrossan ... | | | | | | | |
| Mullaghmore ... | | | | | | | |
| Holyhead... ... | | | | | | | |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | | | | | | | |
| Scilly ... ... | | | | | | | * |
| Dover ... ... | | | | | | | |
| London ... | | | | | | | |
| Yarmouth ... | | | | | | | |
| Jersey... ... | | | | | | | |
| Rochefort ... | 29.96 | 62 | 59 | WNW | 7 | 0 | 2 |

### EXPLANATION OF COLUMNS.

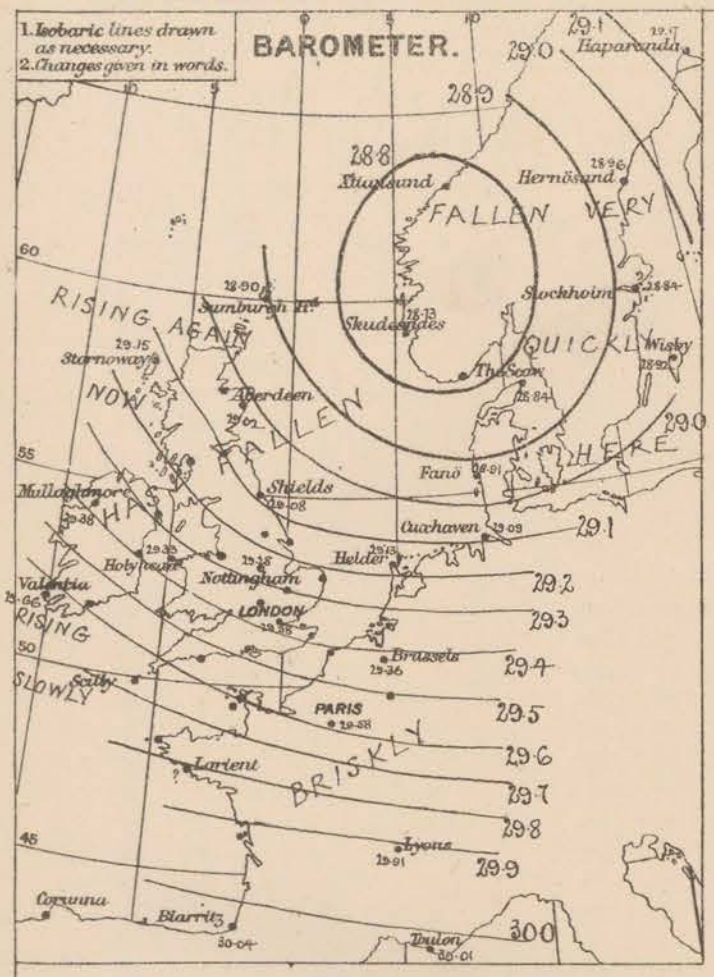
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

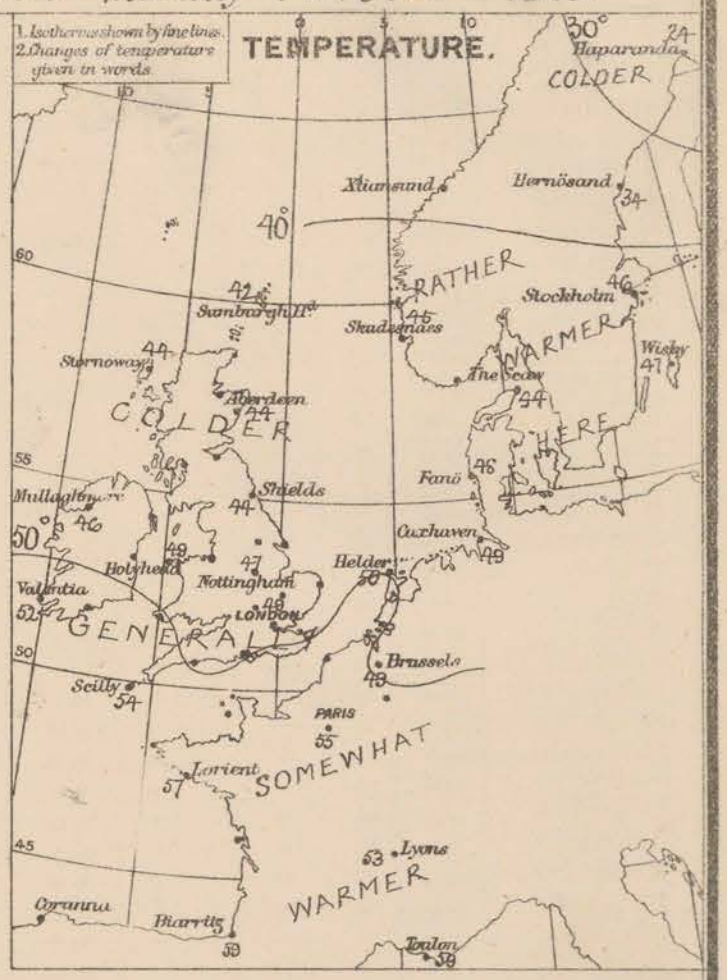
* AN ASTERISK is inserted in all places for which information is not usually received.

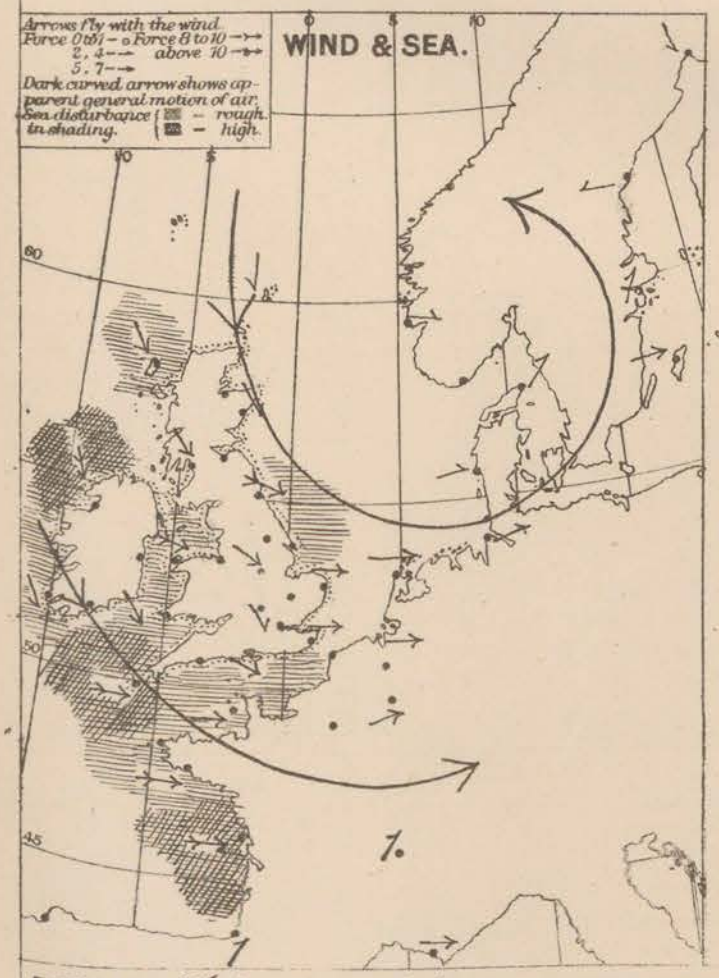
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

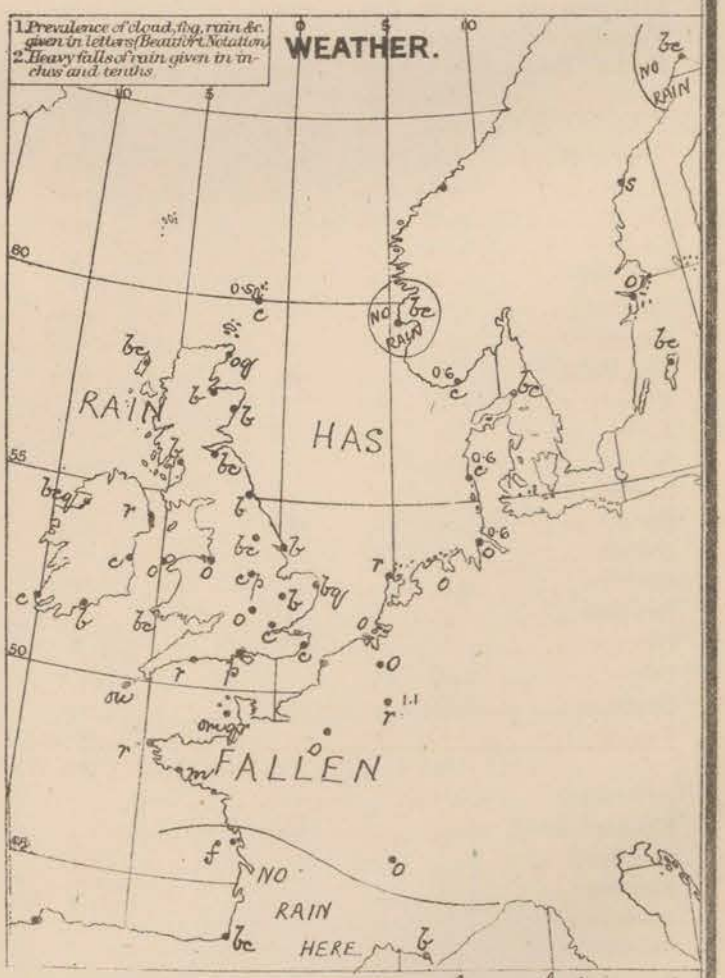
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Monday 20th Oct.r 1879.




As doubtful Winds in drawing round all our coasts as this signals and dials up —

**REMARKS.** Weather is fine and bright at nearly all our more N.rn and E.rn stations, but is cloudy or dull elsewhere with showers of rain in the W. and SW. and some fog and mist over France. On the E.rn shores of the North Sea the sky is cloudy to fair and snow is reported from Hernösand. Rain has fallen on all our coasts. Temperature has risen fast over the Baltic and slightly over Norway, Denmark, N. Germany and the N. of France, but over these Islands and W. of France the thermometer has fallen. Over Scotland and the N.rn and central counties of England the change is about 10°. The maxima yesterday were much higher than of late, exceeding 60° at Nottingham, Cambridge and Yarmouth and ranging from 55° to 60° elsewhere. Wind is NW.ly on our W.rn and W.rn coasts, W.ly in the E. and S., and over France and SW.ly on the E.rn shores of the North Sea. Gales are blowing at several stations, and during the night the wind rose to a moderate or strong gale on most coasts. Sea rough except in the NE.

Barometrical Indications. A deep depression has passed from W. to E. to the N.rn of Scotland, and is now shown over Norway. Pressure is recovering somewhat in the N. and W., still decreasing elsewhere. Gradients are steep.

Warnings. The Gretle Cone is zero on our N.rn, E.rn and S.rn coasts, and the North Cone in the NW. and W.

| | | | |
|---|---|---|---|
| Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter. book post 6/- " " | Meteorological Office, 116, Victoria Street, Westminster. S.W. | R. H. SCOTT. Secretary. |

Dangerfield Lith. 22 Bedford St. Covent Garden

# DAILY WEATHER REPORT 21st OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | | | | | | | | | | | | | | * | | | |
| Hernösand ... | | | | | | | | | | | | | | * | | | |
| Stockholm ... | 29.88 | 41 | NNE | 2 | o | 28.86 | + .02 | 39 | 39 | − 7 | S | 1 | r | * | 48 | 30 | 0.32 |
| Wisby ... ... | 29.86 | 46 | SSW | 6 | r | 28.92 | .00 | 44 | 42 | − 3 | WNW | 6 | o | * | 50 | 37 | 0.16 |
| Christiansund ... | 29.03 | 36 | NE | 6 | r | 29.34 | + .71 | 39 | 35 | + 1 | ESE | 2 | o | 3 | 39 | 28 | 0.04 |
| Skudesnaes ... | 28.86 | 44 | NW | 9 | o | 29.22 | + .49 | 41 | 37 | − 4 | NNW | 8 | bc | 4 | 45 | ? | — |
| Oxö (Xtiansund) ... | 28.76 | 45 | WSW | 4 | o | 29.10 | + .32 | 41 | 37 | − 4 | N | 4 | c | 3 | 46 | 34 | 0.12 |
| Skagen (The Skaw) | 28.79 | 44 | Z | o | b | 29.02 | + .18 | 40 | 37 | − 4 | NNE | 8 | o | 8 | 50 | 36 | 0.08 |
| Fanö ... ... | 28.93 | 46 | WNW | 4 | r | 29.04 | + .13 | 45 | 42 | − 3 | NW | 8 | c | * | 52 | 41 | 0.24 |
| Cuxhaven ... | 29.23 | 48 | W | 8 | o | 29.21 | + .12 | 46 | 44 | − 3 | NNW | 10 | bq/h | 8 | 50 | 43 | 0.16 |
| Sumburgh Head | 29.30 | 42 | N | 5 | b | 29.59 | + .69 | 46 | 39 | + 4 | N | 4 | c | 4 | 46 | 39 | 0.04 |
| Stornoway ... | 29.55 | 42 | N | 4 | b | 29.86 | + .71 | 43 | 41 | − 1 | NNE | 1 | b | 1 | 47 | 38 | 0.07 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.40 | 43 | N | 4 | bc | 29.69 | + .71 | 42 | 41 | − 2 | NW | 4 | bc | 2 | 49 | 38 | 0.03 |
| Nairn ... ... | 29.37 | 42 | NW | 4 | o | 29.75 | + .66 | 42 | 40 | + 2 | NW | 3 | c | 2 | 49 | 40 | 0.01 |
| Aberdeen ... | 29.39 | 42 | NNW | 4 | b | 29.70 | + .68 | 42 | 39 | − 2 | NW | 3 | b | 2 | 49 | 40 | 0.04 |
| Leith ... ... | 29.50 | 46 | N | 2 | b | 29.78 | + .67 | 41 | 39 | − 2 | W | 2 | bc | * | 52 | 40 | — |
| Shields ... ... | 29.41 | 45 | N | 6 | b | 29.76 | + .68 | 36 | 34 | − 8 | NW | 3 | b | 3 | 52 | 34 | 0.02 |
| Spurn Head ... | 29.34 | 48 | W | 5 | c | ? 29.73 | + .60 | 43 | 40 | − 4 | W | 6 | b | 7 | 51 | 41 | — |
| York ... ... | 29.39 | 50 | W | 4 | o | 29.79 | + .64 | 36 | 34 | − 10 | NNW | 1 | b | * | 54 | 33 | 0.01 |
| Nottingham ... | 29.47 | 49 | WNW | 6 | c | 29.85 | + .57 | 38 | 36 | − 9 | NW | 2 | b | * | 54 | 31 | 0.07 |
| Ardrossan ... | 29.48 | 47 | NW | 4 | b | 29.82 | + .66 | 45 | 42 | 0 | NW | 2 | o | 2 | 52 | 38 | 0.01 |
| Mullaghmore ... | 29.67 | 50 | NW | 8 | o | 29.92 | + .34 | 49 | 48 | + 3 | WNW | 5 | cp | 5 | 53 | 46 | 0.05 |
| Donaghadee ... | 29.59 | 46 | NW | 5 | c | 29.87 | + .38 | 45 | 43 | + 3 | W | 3 | o | 2 | 52 | 41 | 0.02 |
| Kingstown ... | 29.64 | 49 | WNW | 6 | bc | 29.94 | + .34 | 47 | 46 | + 2 | WNW | 4 | c | ? | 54 | 43 | 0.08 |
| Holyhead ... | 29.55 | 51 | NW | 7 | c | 29.89 | + .36 | 49 | 47 | 0 | NW | 6 | o | 4 | 53 | 45 | 0.05 |
| Liverpool (Bidston) | 29.50 | 49 | WNW | 7 | b | 29.84 | + .59 | 46 | 45 | − 1 | NW | 4 | o | 4 | 51 | 43 | 0.15 |
| Valentia ... ... | 29.88 | 50 | NW | 5 | c | 30.08 | + .42 | 52 | 49 | 0 | NNW | 2 | c | 2 | 56 | 49 | 0.01 |
| Roche's Point ... | 29.82 | 52 | NW | 5 | c | 30.04 | + .48 | 49 | 47 | − 3 | NW | 3 | c | 3 | 56 | 48 | — |
| Pembroke ... | 29.68 | 52 | NW | 5 | b | 29.95 | + .47 | 50 | 47 | − 1 | NW | 4 | b | 3 | 53 | 49 | — |
| Scilly ... ... | 29.77 | 54 | NW | 7 | c | 30.02 | + .38 | 54 | 49 | 0 | NW | 6 | c | 6 | 56 | 53 | — |
| Prawle Point ... | 29.70 | 46 | WNW | 5 | b | 29.94 | + .41 | 49 | 47 | 0 | NW | 3 | o | 3 | 55 | 43 | 0.02 |
| Hurst Castle ... | 29.60 | 46 | NNW | 3 | b | 29.89 | + .41 | 46 | 46 | − 4 | NW | 3 | cp | 4 | 54 | 44 | 0.05 |
| Dover ... ... | 29.46 | 47 | WNW | 4 | b | ? 29.81 | + .44 | 43 | 41 | − 7 | NW | 2 | b | 1 | 54 | 42 | — |
| London ... ... | 29.51 | 45 | NW | 4 | b | 29.83 | + .45 | 42 | 41 | − 7 | WNW | 2 | bm | * | 54 | 37 | — |
| Oxford ... ... | 29.55 | 48 | NW | 3 | b | 29.84 | + .46 | 43 | 42 | − 4 | NW | 1 | o | * | 53 | 41 | 0.01 |
| Cambridge ... | 29.45 | 50 | SW | 1 | b | 29.83 | + .53 | 40 | 38 | − 7 | WNW | 1 | b | * | 55 | 37 | — |
| Yarmouth ... | 29.36 | 46 | WNW | 2 | b | 29.72 | + .48 | 41 | 40 | − 5 | WNW | 3 | b | 4 | 51 | 38 | 0.06 |
| The Helder ... | * | * | * | * | * | 29.55 | + .42 | 50 | 45 | 0 | NW | 6 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 29.70 | 51 | NNW | 6 | bc | 29.94 | + .32 | 52 | 49 | − 1 | NW | 3 | c | 4 | 55 | 49 | 0.23 |
| Brest ... ... | 29.82 | 54 | NNW | 5 | bc | 30.01 | + .26 | 53 | 48 | − 2 | NNW | 5 | o | 4 | 55 | 50 | 0.39 |
| Lorient ... ... | 29.80 | 53 | NW | 7 | b | 30.01 | + .26 | 53 | 49 | − 4 | NW | 5 | c | 4 | 59 | 45 | 0.32 |
| Rochefort ... | | | | | | | | | | | | | | | | | |
| Biarritz ... ... | 29.95 | 60 | W | 9 | r | 30.04 | .00 | 56 | 54 | − 3 | ENE | 3 | bc | 4 | 68 | 52 | 0.51 |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29.73 | + .37 | 43 | 42 | − 6 | WSW | 3 | b | * | 53 | 43 | 0.12 |
| Charleville ... | ? | 46 | W | 1 | b | ? | ? | | 43 | 40 | − 9 | W | 4 | c | * | 52 | 36 | — |
| Paris ... ... | 29.56 | 49 | ? | 1 | o | 29.89 | + .31 | 48 | 45 | − 7 | W | 3 | bc | * | * | * | 0.20 |
| Lyons ... ... | 29.68 | 52 | WSW | 1 | r | 29.93 | + .02 | 48 | 46 | − 5 | NNW | 1 | c | * | 62 | 41 | 0.20 |
| Toulon ... ... | 29.85 | 59 | SW | 5 | b | 29.67 | − .34 | 57 | 41 | − 8 | NW | 8 | b | 7 | 64 | 48 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 28.80 | 43 | 41 | NW | 8 | r | 3 | Valentia ... | 29.87 | 51 | 48 | NNW | 5 | bc | 5 |
| Sumburgh Head | 29.06 | 44 | 40 | N | 5 | bc | 5 | Scilly ... ... | 29.69 | 50 | 50 | NNW | 9 | bc | 7 |
| Stornoway ... | 29.39 | 47 | 43 | N | 6 | b | 6 | Dover ... ... | 29.37 | 53 | 47 | WNW | 4 | bc | 4 |
| Aberdeen ... | 29.21 | 47 | 44 | N | 4 | bp | 3 | London ... | 29.40 | 52 | 47 | W | 5 | c | * |
| Shields ... ... | 29.24 | 52 | 48 | WNW | 4 | bc | 2 | Yarmouth ... | 29.26 | 51 | 46 | NW | 5 | cq | 3 |
| Ardrossan ... | 29.37 | 51 | 46 | NW | 5 | c | 4 | Jersey ... ... | 29.60 | 51 | 49 | NW | 6 | cq | 6 |
| Mullaghmore ... | 29.60 | 51 | 47 | NW | 6 | cq | 6 | Rochefort ... | 29.79 | 59 | 55 | W | 9 | r | 7 |
| Holyhead ... ... | 29.51 | 51 | 47 | NW | 8 | c | 6 | | | | | | | | |

Pressure is increasing in all parts of these Islands – most in the NW. The wind is N^g to NW^d on all coasts and still blows a gale at Scilly and Holyhead. The weather is fair generally, but showery at a few places.

### EXPLANATION OF COLUMNS.

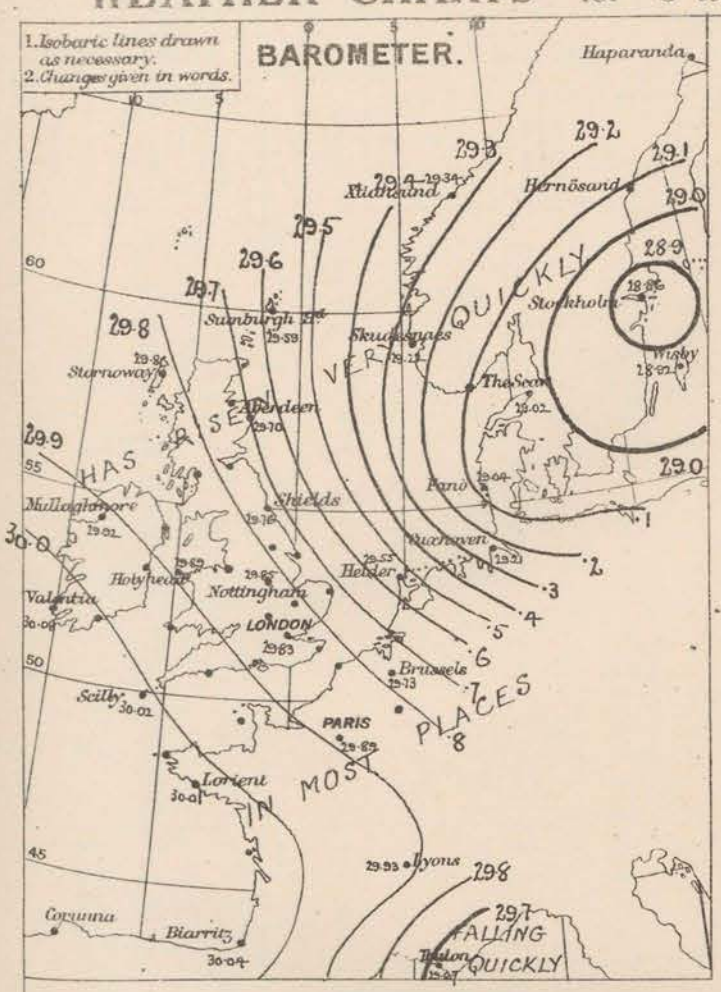
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

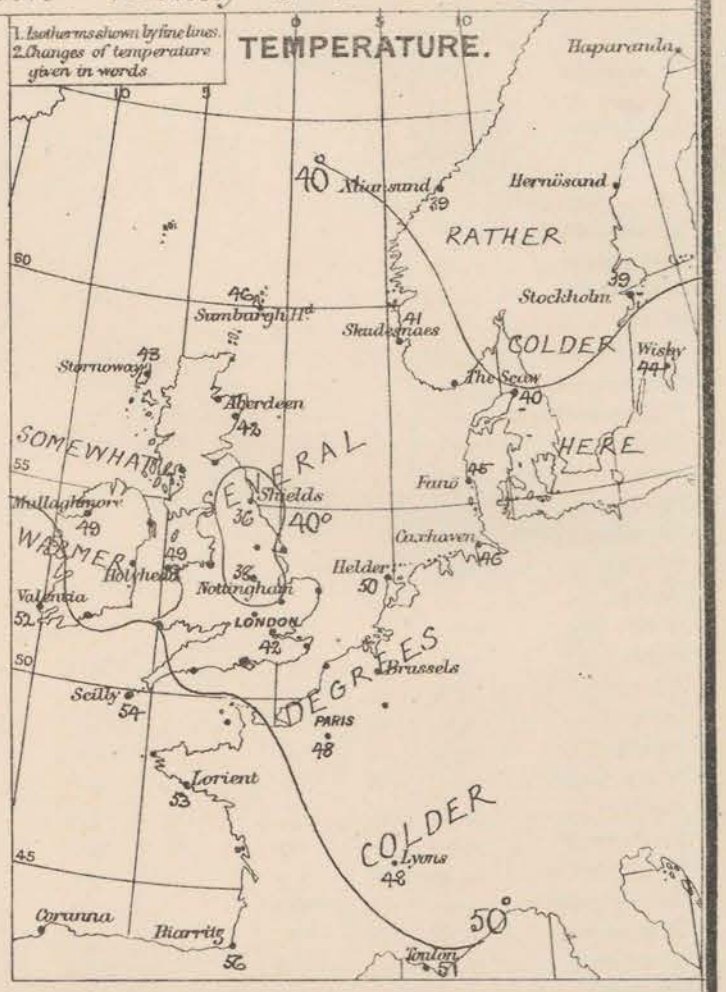
* AN ASTERISK is inserted in all places for which information is not usually received.

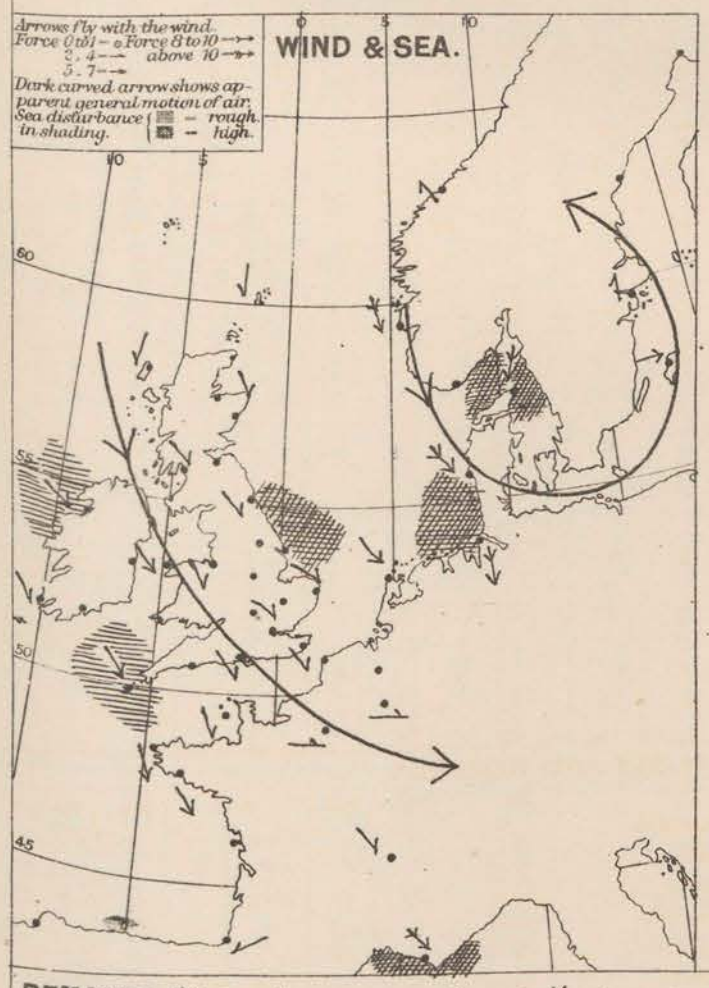
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

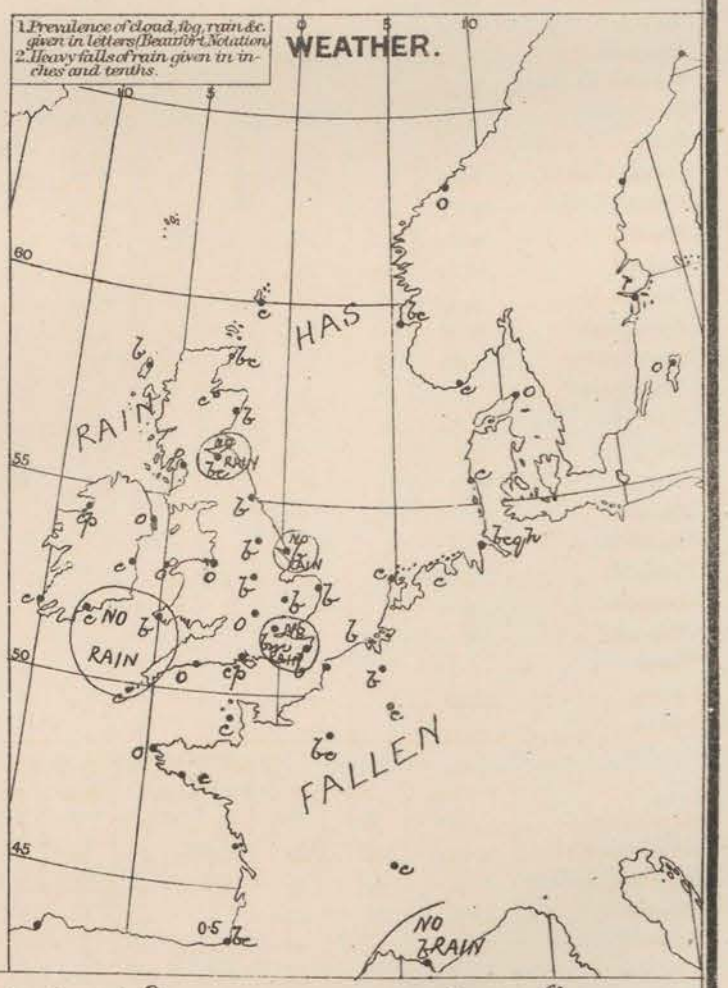
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Tuesday 21st OCTOBER 1879.




**REMARKS.** Weather this morning is fine in the N. and E. of Scotland and England, as well as over the NE. of France and the Netherlands, but on our W. and SW. coasts the sky is overcast and showers are reported from some stations and hail occurred yesterday afternoon at Aberdeen. Temperature has again fallen except over Ireland, at our inland stations the change is considerable, and readings vary from 36° in the N. of England to 54° at Scilly. The maxima yesterday were below 50° in the N. of Scotland and between 50° and 55° in all other places except the S. of Ireland and Scilly where the thermometer reached 56°. Wind is NW. on all coasts, on our coasts it is generally moderate in force, but over the North Sea it reaches a gale, and blows very hard at the mouth of the Elbe. Sea is exceedingly high at Cuxhaven and the Skaw, rough at Spurn Head, Mullaghmore and Scilly, moderate to smooth elsewhere.

Barometrical Indications. Pressure is increasing in all parts of our area the change since yesterday morning varying from 0.4 in. to 0.7 in. over these Islands and Norway. The depression which was shown over Norway yesterday is passing away E. over the Baltic.

Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/ per quarter. book post 5/- " "

Meteorological Office, 116, Victoria Street, Westminster: S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden

# DAILY WEATHER REPORT 22nd Octr. 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.31 | 26 | N | 4 | o | 29.46 | | 30 | 29 | | NW | 2 | o | * | ? | 19 | — |
| Hernösand ... | 29.45 | 36 | Z | o | r | 29.56 | | 27 | 26 | | Z | o | b | * | 36 | 25 | — |
| Stockholm ... | 29.31 | 39 | N | 4 | r | 29.56 | + .70 | 32 | 30 | − 7 | NNW | 2 | o | * | 45 | ? | 0.63 |
| Wisby ... ... | 29.17 | 45 | NNW | 4 | o | 29.52 | + .60 | 39 | 37 | − 5 | N | 8 | o | * | 46 | 39 | 0.04 |
| Christiansund... | 29.59 | 37 | SW | 3 | b | 29.49 | + .15 | 40 | 36 | + 1 | SSE | 4 | c | 4 | 41 | 30 | 0.16 |
| Skudesnaes ... | 29.60 | 40 | NNW | 3 | b | 29.66 | + .44 | 45 | 42 | + 4 | SSE | 3 | o | 3 | ? | 39 | — |
| Oxö (Xtiansund) ... | 29.57 | 41 | NNW | 4 | bc | 29.77 | + .67 | 36 | 33 | − 5 | NNW | 1 | bc | 2 | 45 | 34 | — |
| Skagen (The Skaw) | 29.47 | 41 | NNE | 5 | o | 29.72 | + .70 | 40 | 34 | o | N | 2 | b | 1 | 43 | 34 | — |
| Fanö ... ... | 29.58 | 41 | W | 1 | o | 29.78 | + .74 | 40 | 39 | − 5 | Z | o | b | * | 46 | 34 | — |
| Cuxhaven ... | 29.47 | 48 | NNW | 7 | r | 29.79 | + .38 | 47 | 45 | + 1 | NNE | 1 | b | * | ? | 39 | 0.04 |
| Sumburgh Head | 29.76 | 41 | N | 3 | bc | 29.43 | − .16 | 48 | 47 | + 2 | SW | 5 | m | 5 | 48 | 34 | 0.08 |
| Stornoway ... | 29.79 | 46 | WSW | 1 | o | 29.60 | − .26 | 50 | 50 | + 7 | WNW | 5 | fg | 4 | 51 | 42 | 0.10 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.81 | 36 | NW | 1 | bc | 29.53 | − .16 | 51 | 50 | + 9 | WSW | 2 | c | 1 | 55 | 33 | 0.05 |
| Nairn ... ... | 29.82 | 41 | NW | 1 | b | 29.59 | − .16 | 50 | 47 | + 8 | WSW | 1 | c | 1 | 50 | 41 | 0.06 |
| Aberdeen ... | 29.85 | 41 | NNW | 1 | b | 29.64 | − .06 | 46 | 45 | + 4 | SSW | 1 | c | 2 | 49 | 36 | — |
| Leith ... ... | 29.87 | 46 | NW | 2 | c | 29.71 | − .07 | 51 | 49 | + 10 | W | 3 | bc | * | 56 | ? 41 | 0.03 |
| Shields ... ... | 29.87 | 46 | NW | 2 | b | 29.80 | + .04 | 43 | 43 | + 7 | SW | 2 | rm | 3 | 51 | 35 | 0.06 |
| Spurn Head ... | 29.87 | 45 | WNW | 3 | bc | 29.87 | + .14 | 45 | 40 | + 2 | SSW | 4 | o | 6 | 48 | 42 | — |
| York ... ... | 29.89 | 45 | NW | 1 | c | 29.87 | + .08 | 43 | 42 | + 7 | SE | 1 | c | * | 52 | 34 | — |
| Nottingham ... | 29.94 | 42 | NNW | 1 | b | 29.92 | + .07 | 48 | 47 | + 10 | SSW | 1 | r | * | 50 | 37 | 0.08 |
| Ardrossan ... | 29.90 | 48 | Z | o | o | 29.75 | − .07 | 53 | 52 | + 8 | WNW | 4 | o | 4 | 53 | 44 | 0.18 |
| Mullaghmore ... | 29.97 | 52 | WSW | 5 | o | 29.89 | − .03 | 53 | 53 | + 4 | W | 6 | dc | 5 | 53 | 48 | 0.34 |
| Donaghadee ... | 29.97 | 48 | NW | 3 | c | 29.85 | − .02 | 52 | 52 | + 7 | W | 4 | o | 2 | 56 | 44 | 0.16 |
| Kingstown ... | 29.99 | 52 | WNW | 4 | o | 29.89 | − .05 | 55 | 54 | + 8 | WNW | 5 | c | 4 | 56 | 46 | 0.07 |
| Holyhead ... | 29.95 | 52 | WNW | 5 | o | 29.88 | − .01 | 54 | 54 | + 5 | W | 4 | dc | 3 | 55 | 49 | 0.21 |
| Liverpool (Bidston) | 29.93 | 50 | WNW | 3 | o | 29.87 | + .03 | 50 | 50 | + 4 | SSW | 2 | m | 1 | 52 | 46 | 0.16 |
| Valentia ... ... | 30.13 | 53 | WNW | 3 | bc | 30.09 | + .01 | 55 | 55 | + 3 | WNW | 3 | rmg | 3 | 56 | 49 | 0.18 |
| Roche's Point... | 30.07 | 53 | NW | 4 | c | 30.04 | .00 | 57 | 56 | + 8 | NW | 5 | p | 4 | 57 | 46 | — |
| Pembroke ... | 30.03 | 53 | WNW | 4 | c | 29.95 | .00 | 55 | 55 | + 5 | W | 6 | r | 3 | 55 | 50 | 0.03 |
| Scilly ... ... | 30.10 | 54 | NW | 5 | c | 30.08 | + .06 | 56 | 56 | + 2 | W | 6 | qf | 4 | 56 | 53 | 0.02 |
| Prawle Point ... | 30.03 | 50 | WNW | 3 | o | 30.03 | + .09 | 53 | 53 | + 4 | WNW | 6 | r | 4 | 55 | 47 | — |
| Hurst Castle ... | 29.97 | 49 | NW | 3 | o | 30.03 | + .14 | 51 | 51 | + 5 | W | 3 | r | 3 | 51 | 46 | 0.05 |
| Dover ... ... | 29.90 | 45 | W | 1 | b | 30.00 | + .19 | 45 | 43 | + 2 | WSW | 3 | cg | 2 | 50 | 41 | — |
| London ... ... | 29.94 | 41 | W | 3 | b | 29.95 | + .15 | 47 | 46 | + 5 | SW | 1 | m | * | 51 | 37 | — |
| Oxford ... ... | 29.97 | 47 | NW | 2 | o | 29.97 | + .13 | 48 | 47 | + 5 | SW | 1 | r | * | 49 | 42 | 0.04 |
| Cambridge ... | 29.93 | 42 | NW | 1 | b | 29.95 | + .12 | 46 | 45 | + 6 | SSW | 1 | o | * | 55 | 37 | — |
| Yarmouth ... | 29.84 | 44 | NW | 3 | bc | 29.93 | + .21 | 40 | 40 | − 1 | W | 1 | f | 4 | 49 | 36 | — |
| The Helder ... | * | * | * | * | * | 29.91 | + .36 | 47 | 44 | − 3 | WNW | 1 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.05 | 52 | NW | 2 | o | 30.10 | + .16 | 53 | 52 | + 1 | W | 3 | ow | 3 | 54 | 50 | 0.01 |
| Brest ... ... | 30.10 | 53 | N | 4 | bc | 30.10 | + .09 | 55 | 53 | + 2 | NW | 3 | o | 3 | 57 | 48 | — |
| Lorient ... ... | 30.05 | 52 | NW | 5 | o | 30.15 | + .14 | 51 | 48 | − 2 | NW | 4 | c | 2 | 57 | 48 | — |
| Rochefort ... | 30.05 | 57 | NW | 7 | c | 30.16 | + .16 | 55 | 52 | o | N | 5 | c | 2 | 66 | 50 | — |
| Biarritz ... ... | 30.11 | 58 | N | 4 | o | 30.16 | + .12 | 57 | 52 | + 1 | NNE | 5 | c | 4 | 64 | 50 | 0.08 |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | | | | | | | | | * | | | |
| Charleville ... | ? | 40 | W | 1 | b | ? | ? | 37 | 35 | − 6 | W | 1 | c | * | 54 | 33 | — |
| Paris ... ... | 29.97 | 49 | ? | 3 | o | 30.10 | + .21 | 44 | 41 | − 4 | WSW | 3 | o | * | * | * | — |
| Lyons ... ... | | | | | | | | | | | | | | * | | | |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.47 | 43 | 37 | NNW | 6 | b | 4 | Valentia ... | 30.09 | 55 | 54 | NW | 2 | odm | 3 |
| Sumburgh Head | 29.71 | 45 | 41 | N | 4 | bc | 4 | Scilly ... ... | 30.07 | 53 | 51 | NW | 5 | c | 5 |
| Stornoway ... | 29.83 | 48 | 45 | Z | o | c | o | Dover ... ... | 29.86 | 45 | 44 | NW | 3 | b | 1 |
| Aberdeen ... | 29.78 | 47 | 43 | NNW | 4 | b | 4 | London ... | 29.89 | 51 | 46 | W | 3 | c | * |
| Shields ... ... | 29.83 | 50 | 43 | NNW | 4 | b | 6 | Yarmouth ... | 29.80 | 49 | 44 | NW | 3 | bc | 5 |
| Ardrossan ... | 29.87 | 49 | 46 | NW | 2 | o | 1 | Jersey ... ... | 30.02 | 52 | 48 | NNW | 3 | og | 3 |
| Mullaghmore ... | 29.97 | 50 | 49 | WNW | 5 | ogp | 4 | Rochefort ... | 30.05 | 56 | 55 | NW | 7 | c | 3 |
| Holyhead... ... | 29.94 | 51 | 49 | NW | 5 | o | 4 | | | | | | | | |

Pressure is beginning to decrease again in the NW., and the wind at Stornoway has fallen to a calm. The weather is dull, showery, and unsettled in the N, but fine and bright in the NE and E. The wind is NW on most coasts and generally moderate in force.

### EXPLANATION OF COLUMNS.

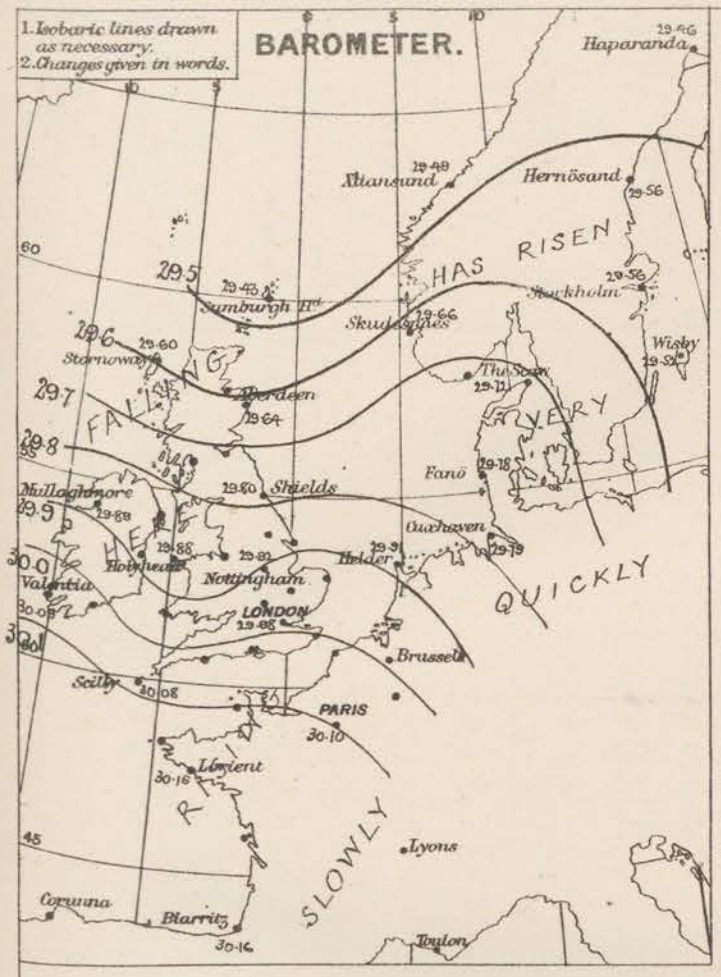
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

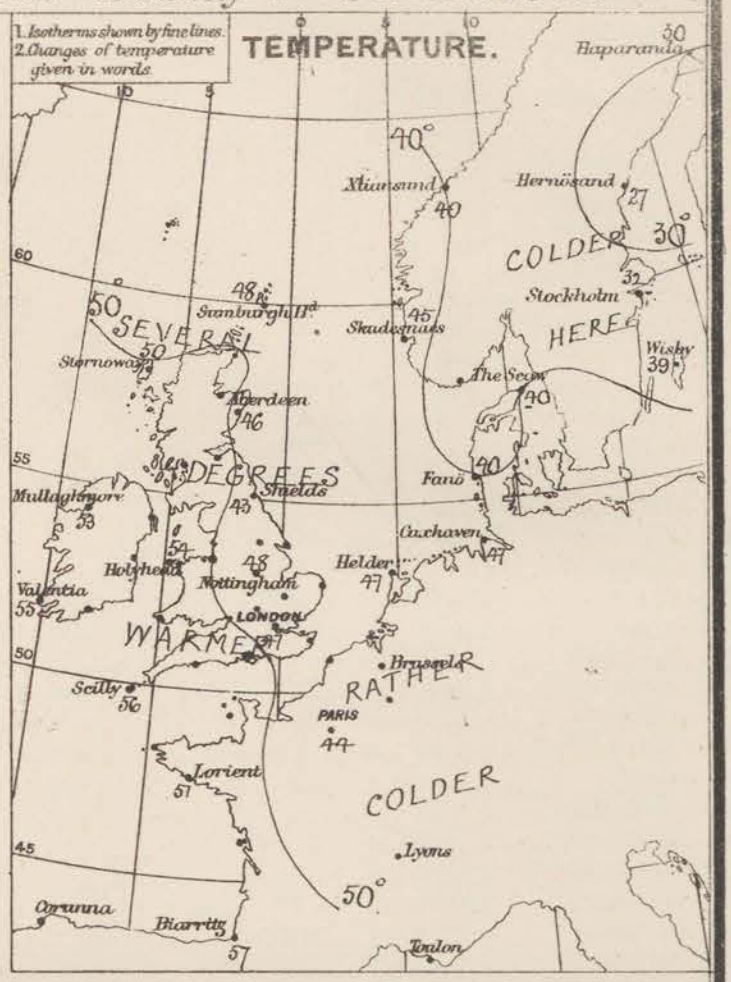
* AN ASTERISK is inserted in all places for which information is not usually received.

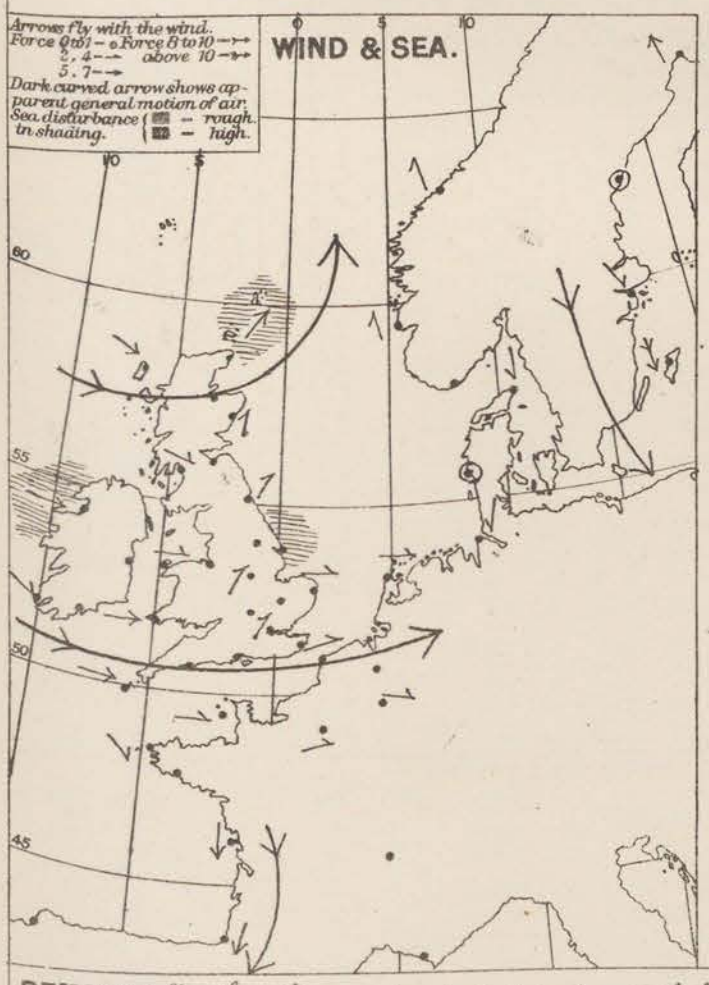
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

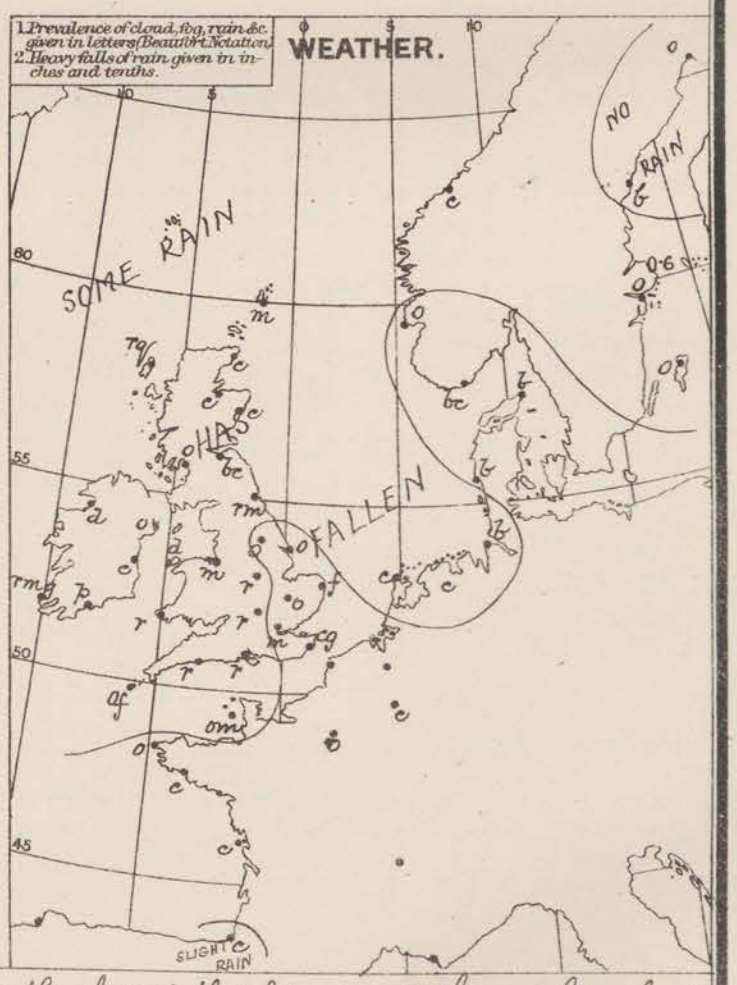
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Wednesday 22nd October 1879.*




**REMARKS.** Weather this morning is dull and unsettled over the whole of these Islands and their neighbourhood, but in Denmark and N. Germany the sky is clear. Slight rain is falling at the majority of our stations. Temperature has fallen slightly over the NE of France and the Netherlands, but elsewhere the thermometer has risen briskly. Readings range from 40° at Yarmouth to 57° at Cork. The maxima yesterday varied from about 48° on our E. coast to 57° in the S. of Ireland. Wind is Wly to SWly on our coasts, but veers into S. in Norway, and into NW and N. over the Bay of Biscay. It is fresh in force in the W and SW, but light in the E. Sea is rather rough in the NW and N. Barometrical Indications. Pressure is increasing slightly over France and the SE. of England, and very quickly over the countries to the E. of the North Sea, but at most of our stations the mercury is falling and small depressions are passing across these Islands.

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Meteorological Office, 116, Victoria Street, Westminster: S.W.

R. H. SCOTT. Secretary.

DANGERFIELD LITH. 22 BEDFORD ST COVENT GARDEN

# DAILY WEATHER REPORT 23rd OCTOBER. 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 6). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | | | | | | | | | | | | | | * | | | |
| Hernösand ... | | | | | | | | | | | | | | * | | | |
| Stockholm ... | | | | | | | | | | | | | | * | | | |
| Wisby ... ... | | | | | | | | | | | | | | * | | | |
| Christiansund... | 29.21 | 39 | WNW | 9 | r | 29.34 | − .15 | 41 | 40 | + 1 | NW | 4 | r | 7 | 43 | 28 | 0.63 |
| Skudesnaes ... | 29.52 | 45 | NW | 6 | o | 29.67 | + .01 | 44 | 42 | − 1 | NW | 4 | o | 3 | 48 | ? | — |
| Oxö (Xtiansund) ... | 29.51 | 49 | SSW | 8 | r | 29.63 | − .14 | 42 | 38 | + 6 | WSW | 4 | b | 3 | ? | ? | — |
| Skagen (The Skaw) | 29.60 | 46 | WSW | 5 | o | 29.62 | − .10 | 44 | 37 | + 4 | NW | 5 | b | 6 | 50 | 37 | 0.04 |
| Fanö ... ... | 29.72 | 51 | WSW | 4 | o | 29.80 | + .02 | 48 | 46 | + 8 | WNW | 4 | o | * | ? | 39 | — |
| Cuxhaven ... | 29.94 | 48 | WSW | 1 | b | 29.85 | + .06 | 51 | 51 | + 4 | W | 2 | f | * | ? | 45 | 0.01 |
| Sumburgh Head | 29.63 | 42 | NNW | 5 | b | 29.68 | + .25 | 42 | 41 | − 6 | Z | 0 | r | 2 | 51 | 40 | 0.10 |
| Stornoway ... | 29.77 | 49 | WNW | 3 | o | 29.74 | + .14 | 49 | 49 | − 1 | S | 1 | e | 0 | 52 | 46 | 0.03 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.76 | 47 | NW | 3 | r | 29.69 | + .16 | 52 | 51 | + 1 | W | 2 | o | 0 | 53 | 34 | 0.05 |
| Nairn ... ... | 29.79 | 52 | NW | 1 | b | 29.74 | + .15 | 53 | 50 | + 3 | SW | 1 | b | 1 | 56 | 49 | — |
| Aberdeen ... | 29.74 | 55 | NW | 1 | e | 29.76 | + .12 | 51 | 49 | + 5 | SW | 1 | e | 1 | 61 | 46 | — |
| Leith ... ... | 29.82 | 53 | WSW | 2 | bc | 29.84 | + .13 | 54 | 53 | + 3 | WSW | 2 | e | * | 62 | ? | — |
| Shields ... ... | 29.81 | 55 | WNW | 3 | b | 29.91 | + .11 | 52 | 51 | + 9 | WNW | 4 | b | 2 | 58 | 42 | 0.03 |
| Spurn Head ... | 29.86 | 45 | SSW | 3 | o | 29.96 | + .09 | 50 | 49 | + 5 | SW | 3 | o | 3 | 55 | 44 | — |
| York ... ... | 29.86 | 55 | W | 2 | o | 29.96 | + .09 | 52 | 50 | + 9 | W | 1 | o | * | 56 | 42 | 0.01 |
| Nottingham ... | 29.94 | 54 | S | 2 | o | 29.92 | .00 | 54 | 53 | + 6 | NW | 1 | o | * | 56 | 47 | 0.04 |
| Ardrossan ... | 29.89 | 53 | WNW | 4 | o | 29.89 | + .14 | 54 | 53 | + 1 | SW | 3 | f | 3 | 55 | 52 | — |
| Mullaghmore ... | 30.00 | 52 | W | 5 | o | 29.97 | + .08 | 54 | 54 | + 1 | SW | 4 | og | 3 | 54 | 52 | 0.05 |
| Donaghadee ... | 29.94 | 51 | NW | 3 | c | 29.97 | + .12 | 55 | 54 | + 3 | W | 3 | c | 2 | 55 | 51 | 0.01 |
| Kingstown ... | 30.00 | 56 | WNW | 5 | o | 30.01 | + .12 | 56 | 55 | + 1 | W | 3 | c | 3 | 59 | 54 | — |
| Holyhead ... | 29.97 | 55 | WNW | 4 | o | 30.01 | + .13 | 55 | 54 | + 1 | SSW | 2 | d | 1 | 57 | 54 | 0.01 |
| Liverpool (Bidston) | 29.95 | 53 | W | 3 | o | 29.99 | + .12 | 52 | 52 | + 2 | W | 3 | m | 1 | 53 | 50 | 0.01 |
| Valentia ... ... | 30.12 | 51 | WNW | 2 | r | 30.07 | − .02 | 55 | 55 | 0 | W | 3 | fd | 4 | 57 | 54 | 0.22 |
| Roche's Point... | 30.09 | 56 | NW | 4 | c | 30.06 | + .02 | 56 | 55 | − 1 | W | 1 | o | 3 | 61 | 55 | — |
| Pembroke ... | 30.03 | 56 | WNW | 2 | e | 30.04 | + .09 | 55 | 55 | 0 | WNW | 1 | of | 2 | 57 | 54 | 0.02 |
| Scilly ... ... | 30.11 | 56 | NW | 5 | o | 30.2 | + .04 | 55 | 55 | − 1 | WNW | 4 | f | 4 | 57 | 54 | 0.01 |
| Prawle Point ... | 30.02 | 55 | WNW | 3 | o | 30.09 | + .06 | 55 | 54 | + 2 | WNW | 2 | o | 2 | 60 | 52 | 0.04 |
| Hurst Castle ... | 29.99 | 54 | WNW | 3 | e | 30.07 | + .04 | 53 | 52 | + 2 | NW | 2 | om | 2 | 55 | ? 51 | 0.14 |
| Dover ... ... | 29.97 | 54 | WSW | 3 | o | 30.03 | + .03 | 53 | 52 | + 8 | W | 2 | og | 0 | 54 | 45 | 0.02 |
| London ... ... | 29.98 | 52 | W | 2 | ogm | 30.04 | + .06 | 53 | 52 | + 6 | W | 1 | om | * | 54 | 46 | 0.03 |
| Oxford ... ... | 29.98 | 55 | Z | 0 | o | 30.05 | + .08 | 52 | 51 | + 4 | W | 1 | m | * | 56 | 48 | 0.17 |
| Cambridge ... | 29.94 | 53 | SW | 1 | o | 30.02 | + .07 | 52 | 52 | + 6 | W | 1 | o | * | 55 | 45 | — |
| Yarmouth ... | 29.92 | 51 | WSW | 1 | o | 29.99 | + .06 | 51 | 50 | + 11 | WNW | 1 | f | 2 | 52 | 40 | — |
| The Helder ... | * | * | * | * | * | 29.93 | + .02 | 52 | 51 | + 5 | WSW | 1 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.06 | 56 | W | 4 | o | 30.14 | + .04 | 56 | 54 | + 3 | NW | 2 | og | 2 | 56 | 50 | 0.14 |
| Brest ... ... | 30.13 | 55 | NNW | 5 | o | 30.18 | + .08 | 55 | 55 | 0 | NW | 4 | r | 2 | 55 | 55 | 0.08 |
| Lorient ... ... | 30.09 | 56 | WNW | 5 | o | 30.15 | .00 | ? | 54 | ? | NW | ? | ? | 2 | ? | 48 | 0.08 |
| Rochefort ... | 30.18 | 58 | W | 3 | e | 30.12 | + .04 | 58 | 57 | + 3 | NNW | 4 | o | 2 | 66 | 50 | 0.04 |
| Biarritz ... ... | 30.22 | 56 | SW | 4 | e | 30.16 | .00 | 57 | 55 | 0 | WSW | 2 | o | 3 | 59 | 52 | 0.43 |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.03 | + .01 | 50 | 50 | + 8 | SW | 1 | r | * | 51 | ? | 0.04 |
| Charleville ... | ? | 45 | S | 4 | o | ? | ? | 47 | 45 | + 10 | SSE | 1 | r | * | 56 | 37 | — |
| Paris ... ... | 30.10 | 51 | W | 1 | o | 30.10 | .00 | 52 | 52 | + 8 | SW | 2 | o | * | * | * | 0.04 |
| Lyons ... ... | 30.18 | 42 | N | 1 | b | 30.19 | + .07 | 40 | 38 | − 5 | N | 1 | o | * | 52 | ? | — |
| Toulon ... ... | 29.93 | 51 | NW | 7 | b | 30.00 | + .12 | 51 | 46 | 0 | Z | 0 | b | 5 | 63 | 46 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.49 | 48 | 48 | SSW | 6 | rf | 4 |
| Sumburgh Head | 29.50 | 47 | 45 | NW | 5 | o | 5 |
| Stornoway ... | 29.72 | 50 | 50 | WNW | 5 | c | 4 |
| Aberdeen ... | 29.67 | 51 | 53 | NW | 3 | b | 1 |
| Shields ... ... | 29.77 | 57 | 55 | WNW | 4 | b | 2 |
| Ardrossan ... | 29.85 | 54 | 52 | WNW | 4 | c | 3 |
| Mullaghmore ... | 29.97 | 53 | ? 53 | WNW | 6 | om | 5 |
| Holyhead... ... | 29.94 | 56 | 55 | WNW | 4 | o | 3 |
| Valentia ... | 30.12 | 57 | 56 | WNW | 3 | om | 4 |
| Scilly ... ... | 30.08 | 57 | 56 | WNW | 6 | o | 5 |
| Dover ... ... | 29.96 | 54 | 51 | WSW | 3 | o | 1 |
| London | 29.95 | 54 | 53 | WSW | 2 | ogm | * |
| Yarmouth ... | 29.92 | 50 | 49 | SW | 2 | c | 4 |
| Jersey ... ... | 30.05 | 55 | 55 | W | 5 | of | 4 |
| Rochefort ... | 30.15 | 58 | 53 | NNW | 5 | o | 2 |

Weather is fine in the NE of England and E of Scotland, cloudy or dull elsewhere, with rain and mist at Jersey and in London. Wind is WNW. except in the SE., where it is still SW. It is freezing in the W. Temperature has risen fast on the E coast.

### EXPLANATION OF COLUMNS.

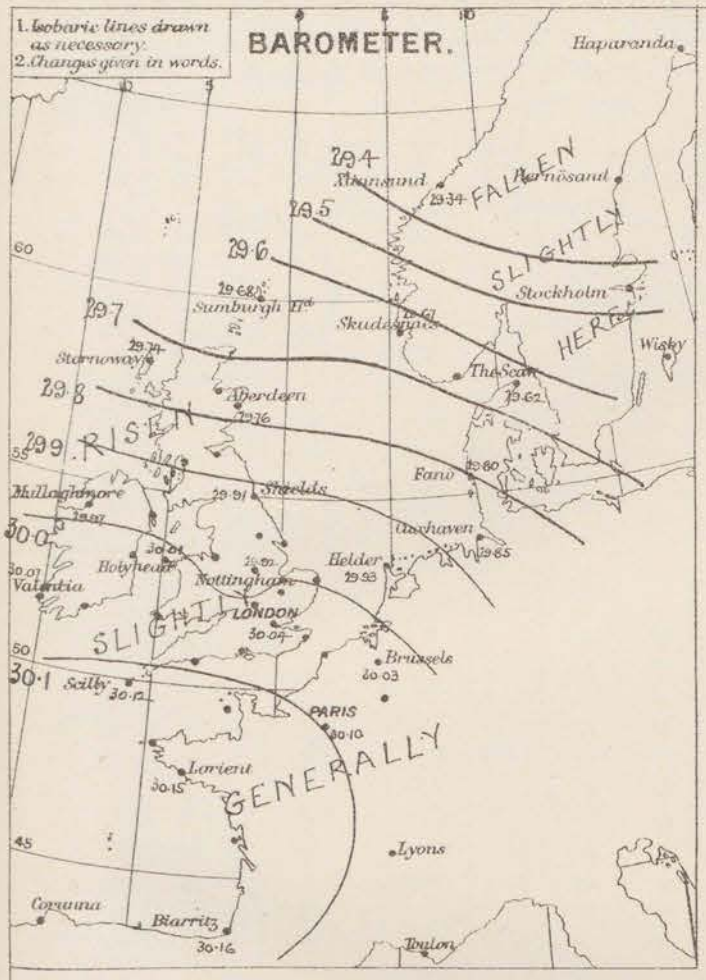
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

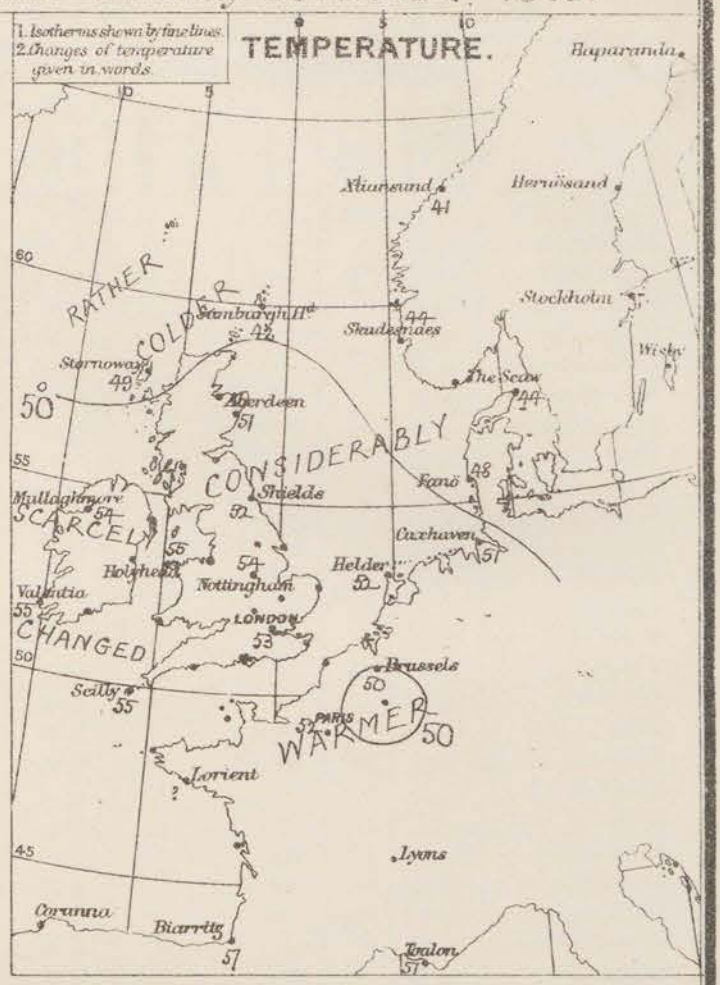
* AN ASTERISK is inserted in all places for which information is not usually received.

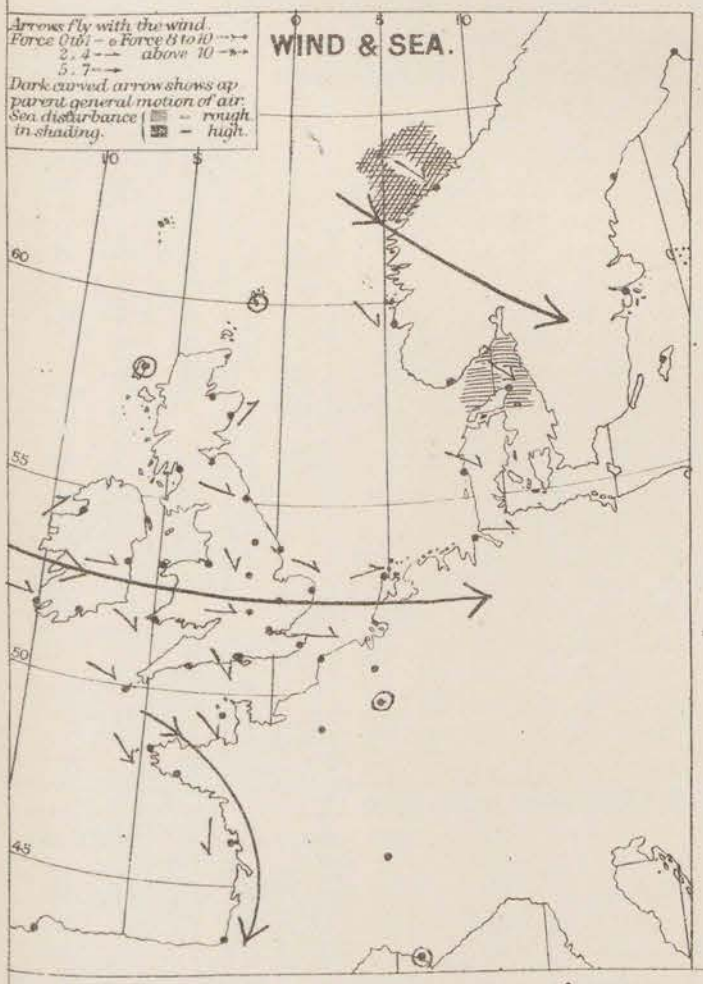
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

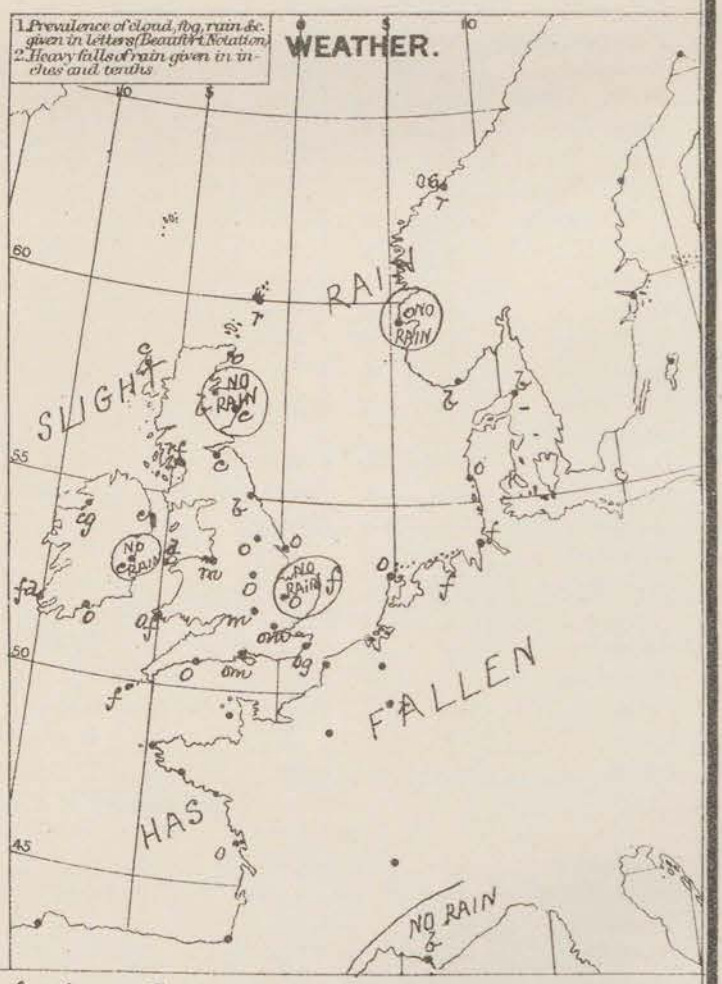
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Thursday 23 October 1879.*




**REMARKS.** Weather is clear at Shields, Rainy, Toulon and over the Skagen Rack, dull or cloudy in all other places, with thick mist or drizzling rain at many stations. Rain has fallen except in the E. of England and Scotland. Temperature fallen a little in the extreme N., changed very little in the W., risen elsewhere. Readings are below 50° in the Shetlands and Hebrides, between 50° and 55° elsewhere. The maximum yesterday was 62° at Leith, 61° at Aberdeen, and Roche's Pt., 60° at Prawle Pt. and between 55° and 60° in nearly all other places. Wind is light or moderate on all coasts, from the W. generally, but backing to SW on the NW. coasts. Sea is moderate to calm, except at Christiansund and Skagen.

Barometrical Indications. Pressure is decreasing a little on the W. coasts, increasing slowly elsewhere. Readings are highest over France and lowest over the North of Scandinavia but there is apparently a small subsidiary disturbance over England.

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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Secretary.

Dangerfield Lith. 22 Bedford St. Covent Garden.

# DAILY WEATHER REPORT 24th October 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO-DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.35 | 27 | N | 2 | a | 29.55 | + .23 | 32 | 32 | + 2 | N | 2 | o | * | ? | 25 | 0.12 |
| Hernösand ... | 29.43 | 34 | SW | 2 | b | 29.62 | + .06 | 29 | 28 | − 5 | Z | o | b | * | 41 | 28 | — |
| Stockholm ... | 29.65 | 37 | W | 2 | b | 29.71 | + .38 | 36 | 35 | − 1 | SW | 2 | b | * | 45 | 34 | — |
| Wisby ... ... | 29.62 | 45 | NW | 6 | c | 29.70 | + .26 | 45 | 43 | + 4 | WNW | 4 | bc | * | 46 | 34 | — |
| Christiansund... | 29.53 | 41 | NW | 1 | c | 29.53 | + .19 | 39 | 39 | − 2 | SE | 5 | r | 4 | 43 | 32 | 0.16 |
| Skudesnaes ... | 29.62 | 47 | WNW | 4 | o | 29.55 | − .12 | 48 | 48 | + 4 | SSE | 6 | r | 4 | ? | ? | 0.24 |
| Oxö (Xtiansund) ... | 29.69 | 45 | WNW | 4 | o | 29.68 | + .05 | 44 | 44 | + 2 | NNW | 1 | f | 2 | 46 | 41 | — |
| Skagen (The Skaw) | 29.70 | 48 | NW | 4 | r | 29.71 | + .09 | 48 | 48 | + 4 | W | 3 | o | 2 | 52 | 39 | — |
| Fanö ... ... | 29.83 | 51 | WSW | 4 | o | 29.77 | − .03 | 53 | 53 | + 5 | WSW | 4 | f | * | ? | 46 | — |
| Cuxhaven ... | 29.94 | 53 | W | 1 | o | 29.89 | + .04 | 52 | 52 | + 1 | SW | 2 | f | * | 54 | 48 | — |
| Sumburgh Head | 29.58 | 48 | WNW | 5 | r | 29.35 | − .33 | 48 | 48 | + 6 | SE | 3 | r | 4 | 49 | 41 | 0.27 |
| Stornoway ... | 29.63 | 50 | SSW | 3 | r | 29.47 | − .27 | 44 | 43 | − 5 | W | 4 | b | 3 | 52 | 42 | 0.20 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.64 | 51 | W | 2 | c | 29.46 | − .23 | 48 | 47 | − 4 | W | 2 | c | 0 | 55 | 47 | 0.15 |
| Nairn ... ... | 29.70 | 50 | W | 1 | bc | 29.51 | − .23 | 50 | 48 | − 3 | W | 1 | bc | 1 | 57 | 49 | 0.03 |
| Aberdeen ... | 29.73 | 53 | Z | 0 | r | 29.50 | − .26 | 54 | 52 | + 3 | W | 1 | r | 1 | 58 | 50 | 0.10 |
| Leith ... ... | 29.80 | 56 | W | 1 | o | 29.58 | − .26 | 53 | 51 | − 1 | W | 3 | r | * | 60 | 51 | 0.07 |
| Shields ... ... | 29.85 | 58 | W | 1 | c | 29.63 | − .28 | 55 | 54 | + 3 | WSW | 4 | bc | 2 | 60 | 51 | 0.04 |
| Spurn Head ... | 29.99 | 54 | SSW | 3 | c | 29.74 | − .22 | 54 | 53 | + 4 | SSE | 4 | bc | 4 | 56 | 50 | — |
| York ... ... | ? | 56 | W | 1 | c | 29.71 | − .25 | 54 | 52 | + 2 | SW | 1 | bc | * | 61 | 56 | — |
| Nottingham ... | 29.96 | 56 | WSW | 2 | c | 29.78 | − .14 | 55 | 54 | + 1 | SSW | 3 | o | * | 58 | 52 | — |
| Ardrossan ... | 29.79 | 54 | SW | 4 | r | 29.62 | − .27 | 51 | 49 | − 3 | WNW | 3 | o | 2 | 55 | 49 | 0.60 |
| Mullaghmore ... | 29.80 | 57 | SW | 5 | o | 29.68 | − .29 | 49 | 48 | − 5 | SW | 6 | cg | 5 | 59 | 47 | 0.44 |
| Donaghadee ... | 29.86 | 55 | W | 2 | c | 29.69 | − .28 | 49 | 49 | − 6 | W | 2 | o | 1 | 58 | 49 | 0.29 |
| Kingstown ... | 29.92 | 60 | SW | 1 | o | 29.74 | − .27 | 54 | 51 | − 2 | WNW | 4 | c | 3 | 61 | 53 | — |
| Holyhead ... | 29.92 | 56 | Z | o | m | 29.72 | − .29 | 55 | 55 | o | W | 3 | o | 3 | 58 | 53 | 0.02 |
| Liverpool (Bidston) | 29.94 | 54 | W | 1 | o | 29.72 | − .27 | 56 | 54 | + 4 | SSW | 2 | c | 1 | 59 | 52 | — |
| Valentia ... ... | 29.97 | 55 | SW | 4 | o | 29.82 | − .25 | 51 | 49 | − 4 | WNW | 3 | o | 3 | 57 | 49 | 0.20 |
| Roche's Point... | 29.98 | 59 | W | 3 | o | 29.80 | − .26 | 52 | 51 | − 4 | WNW | 3 | r | 4 | 62 | 51 | 0.02 |
| Pembroke ... | 29.99 | 55 | W | 3 | o | 29.80 | − .24 | 55 | 55 | o | SSW | 5 | of | 4 | 56 | 53 | 0.07 |
| Scilly ... ... | 30.07 | 56 | WSW | 4 | f | 29.89 | − .23 | 55 | 55 | o | SW | 4 | o | 4 | 57 | 54 | 0.01 |
| Prawle Point ... | 30.03 | 55 | WSW | 4 | f | 29.89 | − .20 | 54 | 54 | − 1 | WSW | 4 | m | 3 | 57 | 53 | 0.09 |
| Hurst Castle ... | 30.04 | 55 | W | 3 | m | 29.91 | − .16 | 55 | 55 | + 2 | W | 3 | m | 2 | 56 | ? 53 | 0.02 |
| Dover ... ... | 30.03 | 54 | W | 2 | c | 29.89 | − .14 | 55 | 55 | + 2 | WSW | 4 | ofd | 3 | 56 | 53 | 0.04 |
| London ... ... | 30.02 | 54 | W | 3 | o | 29.87 | − .17 | 57 | 56 | + 4 | SW | 2 | om | * | 57 | 52 | 0.03 |
| Oxford ... ... | 30.01 | 55 | WNW | 1 | o | 29.86 | − .19 | 55 | 54 | + 3 | W | 1 | o | * | 56 | 52 | 0.02 |
| Cambridge ... | 29.99 | 54 | WSW | 1 | o | 29.82 | − .20 | 54 | 54 | + 2 | SW | 1 | c | * | 56 | 51 | — |
| Yarmouth ... | 29.98 | 52 | WSW | 1 | o | 29.83 | − .16 | 54 | 53 | + 3 | SW | 2 | f | 3 | 54 | 50 | — |
| The Helder ... | * | * | * | * | * | 29.87 | − .06 | 53 | 52 | + 1 | SW | 2 | o | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.10 | 60 | W | 1 | f | 29.96 | − .18 | 56 | 56 | o | SW | 2 | of | 2 | 60 | 54 | 0.07 |
| Brest ... ... | 30.11 | 55 | WNW | 3 | o | 29.99 | − .19 | 56 | 54 | + 1 | W | 3 | o | 3 | 57 | 54 | — |
| Lorient ... ... | 30.12 | 57 | WNW | 4 | m | 29.99 | − .16 | 57 | 56 | ? | W | 4 | m | 2 | 59 | 54 | — |
| Rochefort ... | 30.11 | 58 | NNW | 4 | o | 30.03 | − .09 | 55 | 55 | − 3 | Z | o | c | o | 64 | 50 | — |
| Biarritz ... ... | 30.12 | 60 | NW | 1 | o | 30.00 | − .16 | 56 | 54 | − 1 | SE | 1 | c | 3 | 61 | 52 | 0.08 |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29.96 | − .07 | 52 | 51 | + 2 | SSW | 1 | o | * | 54 | ? | — |
| Charleville ... | ? | 50 | S | 1 | o | ? | ? | 50 | 48 | + 3 | SSE | 1 | f | * | 58 | ? | — |
| Paris ... ... | 30.08 | 55 | NNW | 1 | o | 30.02 | − .08 | 54 | 52 | + 2 | SW | 3 | o | * | * | * | — |
| Lyons ... ... | 30.01 | 50 | N | 1 | o | 30.09 | − .10 | 44 | 43 | + 4 | NE | 1 | bc | * | 57 | 42 | — |
| Toulon ... ... | ? 29.99 | 54 | Z | o | b | 30.04 | + .04 | 53 | 49 | + 2 | ? | 2 | b | 2 | 57 | 50 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.65 | 46 | 43 | S | 3 | r | 3 | Valentia ... | 30.02 | 55 | 55 | W | 3 | om | 4 |
| Sumburgh Head | 29.56 | 48 | 46 | WNW | 5 | o | 5 | Scilly ... ... | 30.09 | 57 | 57 | WSW | 4 | f | 4 |
| Stornoway ... | 29.70 | 52 | 50 | SSW | 2 | c | 2 | Dover ... ... | 30.04 | 55 | 53 | W | 2 | o | 1 |
| Aberdeen ... | 29.77 | 54 | 52 | Z | o | cm | 1 | London ... | 30.04 | 56 | 53 | WSW | 1 | o | * |
| Shields ... ... | 29.86 | 59 | 57 | W | 2 | o | 2 | Yarmouth ... | 29.99 | 53 | 52 | WSW | 1 | of | 2 |
| Ardrossan ... | 29.86 | 54 | 53 | SW | 3 | o | 3 | Jersey ... ... | 30.13 | 58 | 57 | WNW | 2 | og | 2 |
| Mullaghmore ... | 29.92 | 58 | 57 | SSW | 5 | og | 4 | Rochefort ... | 30.14 | 59 | 58 | WNW | 4 | o | 2 |
| Holyhead... ... | 29.94 | 57 | 56 | SSW | 2 | m | 1 | | | | | | | | |

Pressure is decreasing except at some of our east coast stations. Wind is W. on nearly all coasts, and light or moderate except in the Shetlands. The weather is dull or cloudy with mist or fog in the SW. and SE.

### EXPLANATION OF COLUMNS.

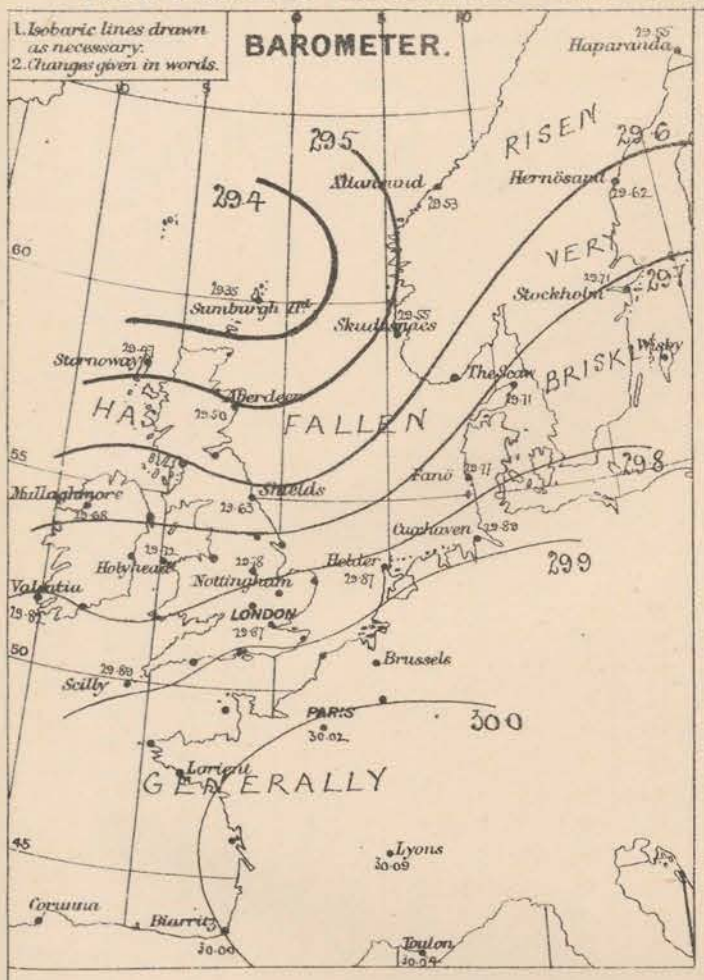
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

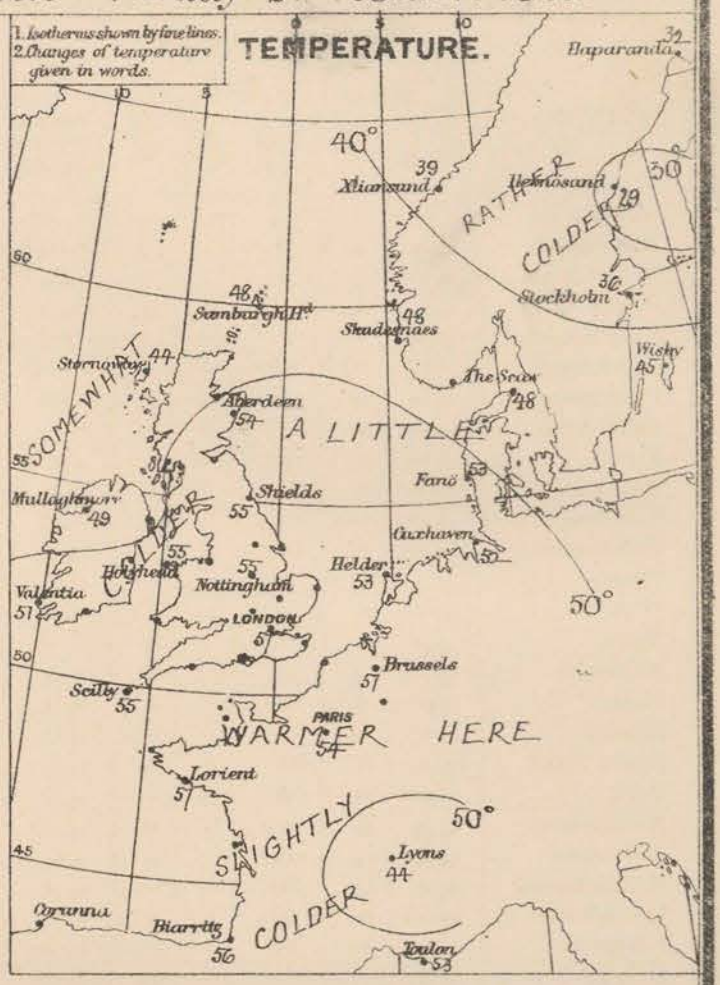
* AN ASTERISK is inserted in all places for which information is not usually received.

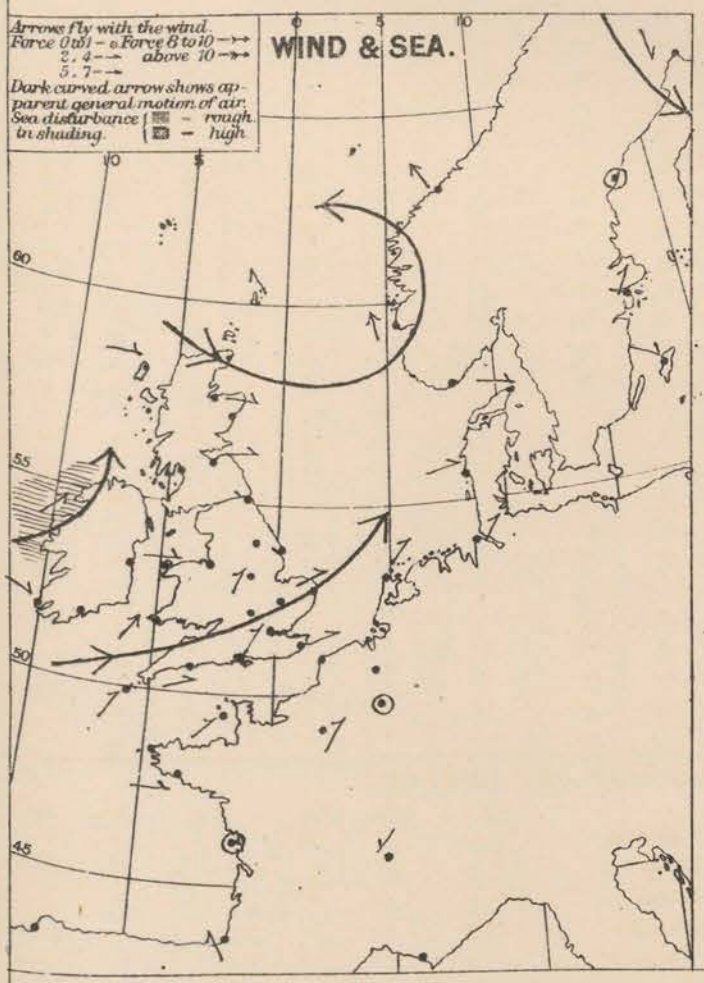
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

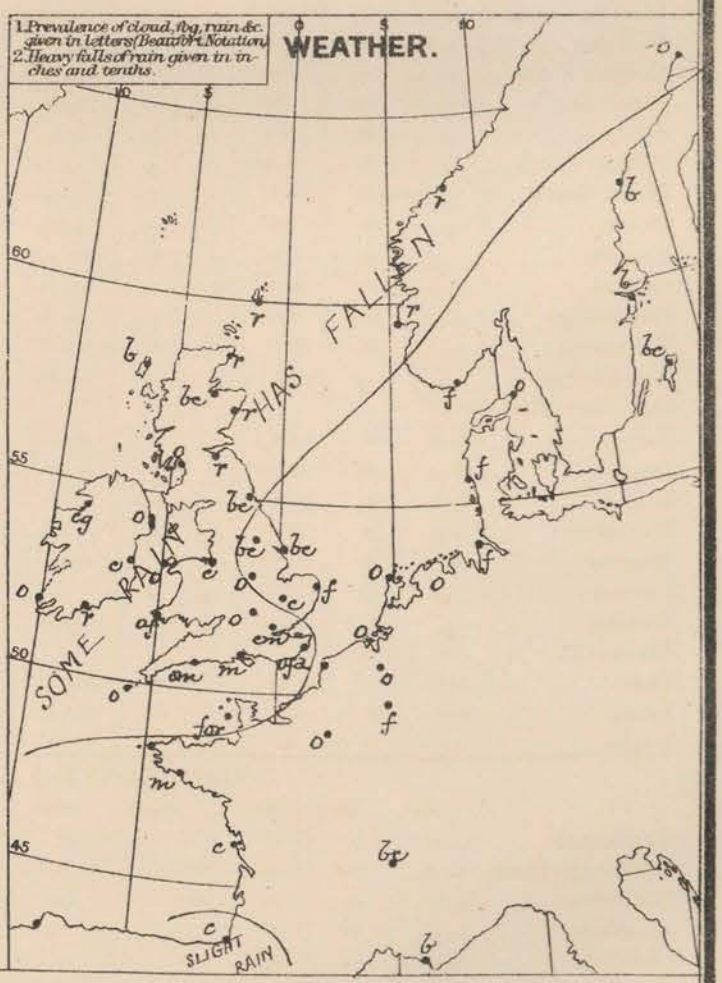
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Friday 24th October 1879.




**REMARKS.** Weather is dull or very cloudy except at a few of our NE. and N. stations. Rain is falling in parts of Scotland and Ireland and a great deal of mist or fog prevails in the S. Rain has fallen except over the N. of England and in Sweden the sky is clear, but in Norway rain is falling and over the rest of the Continent the sky is overcast. Temperature has fallen on our E and S. coasts, and on the E. shores of the North Sea. Readings are below 50° over the N. of Ireland and Scotland and over Scandinavia but are uniform between 50° and 56° elsewhere. The maxima yesterday were 60° or a little above over the N. of England and the E. of Ireland between 50° and 60° elsewhere. Wind is W. to SW. on nearly all our coasts, but draws into SE in the Shetlands, and the W. of Norway. It is moderate or light in force except at Mullaghmore, where it is apparently backing and is blowing strongly. Sea is rather rough at Mullaghmore, moderate to slight at our other stations.

Barometrical indications. Pressure has increased quickly over Sweden, decreased briskly over these Islands, and slightly over France. A large depression lies to the N. of Scotland, while a small subsidiary disturbance lies over the Gt. Georgi Channel.

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Meteorological Office. 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

# DAILY WEATHER REPORT 25th Octr. 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | | | | | | | | | | | | | | * | | | |
| Hernösand ... | 29.75 | 35 | Z | 0 | c | 29.77 | + .15 | 38 | 38 | + 9 | E | 2 | r | * | 39 | 23 | 0.12 |
| Stockholm ... | 29.75 | 43 | SSE | 2 | r | 29.80 | + .09 | 49 | 48 | + 13 | SSW | 2 | o | * | ? | 28 | 0.16 |
| Wisby ... ... | 29.77 | 49 | NSW | 6 | r | 29.85 | + .15 | 49 | 49 | + 4 | SW | 6 | o | * | 52 | 36 | 0.08 |
| Christiansund ... | 29.44 | 44 | SE | 3 | o | 29.59 | + .06 | 42 | 41 | + 8 | SE | 1 | c | 3 | 46 | 34 | — |
| Skudesnaes ... | ? | 48 | W | 2 | o | 29.53 | − .02 | 47 | 47 | − 1 | NNW | 2 | o | 3 | 50 | ? | 0.79 |
| Oxö (Xtiansund) ... | 29.58 | 51 | SW | 4 | f | 29.62 | − .06 | 52 | 52 | + 8 | S | 4 | f | 2 | 52 | ? | 0.39 |
| Skagen (The Skaw) | 29.66 | 51 | SW | 4 | o | 29.76 | + .05 | 52 | 50 | + 3 | SW | 4 | f | 4 | 52 | 43 | 0.16 |
| Fanö ... ... | 29.79 | 52 | SSW | 4 | o | 29.71 | − .06 | 50 | 50 | − 3 | S | 4 | r | * | 54 | 48 | 0.08 |
| Cuxhaven ... | 29.86 | 54 | SW | 2 | o | 29.80 | − .09 | 52 | 50 | 0 | S | 3 | o | * | 54 | 48 | — |
| Sumburgh Head | 29.44 | 45 | WNW | 4 | b | 29.57 | + .22 | 43 | 40 | − 5 | NE | 2 | r | 3 | 51 | 40 | 0.01 |
| Stornoway ... | 29.48 | 45 | W | 1 | b | 29.53 | + .06 | 38 | 37 | − 6 | NNW | 1 | b | 0 | 49 | 35 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.51 | 42 | W | 1 | bc | 29.56 | + .10 | 38 | 37 | − 10 | NW | 1 | bc | 0 | 53 | 36 | — |
| Nairn ... ... | 29.52 | 45 | W | 1 | c | 29.56 | + .05 | 35 | 33 | − 15 | SW | 1 | b | 1 | 52 | 34 | 0.01 |
| Aberdeen ... | 29.53 | 49 | Z | 0 | o | 29.56 | + .06 | 36 | 35 | − 18 | Z | 0 | bw | 0 | 55 | 35 | 0.09 |
| Leith ... ... | 29.59 | 49 | W | 1 | o | 29.59 | + .01 | 40 | 40 | − 13 | WNW | 1 | b | * | 55 | 38 | 0.01 |
| Shields ... ... | 29.62 | 53 | Z | 0 | rm | 29.62 | − .01 | 43 | 42 | − 12 | W | 1 | b | 2 | 61 | 42 | 0.02 |
| Spurn Head ... | 29.64 | 55 | S | 4 | c | 29.65 | − .09 | 46 | 45 | − 8 | SW | 2 | c | 1 | 59 | 45 | 0.11 |
| York ... ... | 29.65 | 52 | WSW | 2 | r | 29.64 | − .07 | 43 | 42 | − 11 | SW | 1 | b | * | 62 | 42 | — |
| Nottingham ... | 29.69 | 51 | SSW | 1 | r | 29.70 | − .08 | 44 | 44 | − 11 | S | 1 | bw | * | 60 | 40 | 0.08 |
| Ardrossan ... | 29.59 | 49 | W | 5 | o | 29.60 | − .02 | 46 | 44 | − 5 | W | 4 | b | 4 | 52 | 40 | 0.08 |
| Mullaghmore ... | 29.65 | 46 | NW | 5 | rg | 29.66 | − .02 | 43 | 41 | − 6 | SW | 4 | cp | 4 | 52 | 41 | 0.19 |
| Donaghadee ... | 29.66 | 49 | W | 2 | o | 29.66 | − .03 | 38 | 38 | − 11 | W | 2 | b | 1 | 52 | 36 | — |
| Kingstown ... | 29.70 | 45 | W | 1 | bc | 29.71 | − .03 | 41 | 39 | − 13 | SW | 2 | b | 2 | 54 | 40 | 0.08 |
| Holyhead ... | 29.70 | 49 | W | 1 | m | 29.69 | − .03 | 45 | 43 | − 10 | W | 3 | c | 3 | 57 | 45 | 0.24 |
| Liverpool (Bidston) | 29.69 | 48 | WSW | 5 | o | 29.68 | − .04 | 43 | 40 | − 13 | W | 2 | r | 1 | 57 | 43 | 0.22 |
| Valentia ... ... | 29.83 | 47 | NW | 5 | o qp | 29.77 | − .05 | 43 | 42 | − 8 | NW | 3 | bcp | 4 | 54 | 40 | 0.26 |
| Roche's Point ... | 29.77 | 50 | WNW | 4 | bc | 29.78 | − .02 | 42 | 40 | − 10 | WNW | 2 | b | 3 | 53 | 40 | 0.12 |
| Pembroke ... | 29.74 | 49 | NW | 8 | o | 29.75 | − .05 | 47 | 43 | − 8 | WNW | 3 | bc | 4 | 55 | 45 | 0.33 |
| Scilly ... ... | 29.80 | 53 | WNW | 6 | op | 29.84 | − .05 | 50 | 48 | − 5 | W | 4 | c | 5 | 57 | 48 | 0.15 |
| Prawle Point ... | 29.74 | 52 | WNW | 4 | m | 29.80 | − .08 | 46 | 44 | − 8 | NW | 3 | bc | 3 | 57 | 42 | 0.25 |
| Hurst Castle ... | 29.77 | 55 | WSW | 4 | r | 29.78 | − .13 | 46 | 45 | − 9 | WNW | 3 | b | 4 | 56 | 45 | 0.26 |
| Dover ... ... | 29.79 | 56 | SW | 3 | dof | 29.72 | − .17 | 50 | 49 | − 5 | W | 4 | or | 3 | 59 | 49 | 0.26 |
| London ... ... | 29.75 | 55 | WSW | 2 | o | 29.73 | − .14 | 45 | 47 | − 9 | W | 3 | bc | * | 60 | 46 | 0.17 |
| Oxford ... ... | 29.72 | 55 | SW | 3 | o | ? 29.74 | − .12 | 44 | 43 | − 11 | W | 2 | b | * | 55 | 43 | 0.10 |
| Cambridge ... | 29.70 | 56 | SW | 1 | o | 29.70 | − .12 | 46 | 46 | − 8 | W | 1 | o | * | 61 | 45 | 0.20 |
| Yarmouth ... | 29.73 | 56 | SSW | 1 | c | 29.67 | − .16 | 47 | 47 | − 7 | W | 2 | fd | 2 | 60 | 46 | 0.32 |
| The Helder ... | * | * | * | * | * | 29.65 | − .22 | 53 | 53 | 0 | S | 2 | r | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 29.84 | 56 | WSW | 2 | ogp | 29.86 | − .10 | 50 | 46 | − 6 | WNW | 3 | bc | 3 | 57 | 48 | 0.22 |
| Brest ... ... | 29.99 | 56 | WSW | 5 | r | 29.93 | − .06 | 51 | 50 | − 5 | WNW | 7 | bc | 5 | 57 | 50 | 0.32 |
| Lorient ... ... | 29.87 | 57 | WSW | 4 | c | 29.91 | − .08 | 50 | 46 | − 7 | NNW | 5 | c | 3 | 59 | 46 | 0.04 |
| Rochefort ... | 29.95 | 60 | NW | 5 | bc | 29.92 | − .11 | 53 | 50 | − 2 | NNW | 8 | bc | 2 | 68 | 48 | 0.22 |
| Biarritz ... ... | 29.95 | 59 | ENE | 3 | b | 29.95 | − .05 | 59 | 55 | + 3 | NNE | 7 | r | 3 | 63 | 52 | 0.43 |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 29.73 | − .23 | 53 | 51 | + 1 | S | 5 | o | * | 58 | 52 | — |
| Charleville ... | ? | ? | ? | ? | ? | ? | ? | 51 | ? | + 1 | SSE | 1 | o | * | 54 | 50 | ? |
| Paris ... ... | 29.92 | 57 | ? | 1 | c | 29.81 | − .21 | 54 | 51 | 0 | SW | 3 | o | * | * | * | 0.54 |
| Lyons ... ... | 30.00 | 50 | NW | 1 | c | 29.92 | − .17 | 47 | 46 | + 3 | ENE | 1 | o | * | 59 | 45 | ? |
| Toulon ... ... | 30.03 | ? | S | 3 | b | 29.96 | − .08 | 49 | 47 | − 4 | NE | 5 | r | 2 | 64 | 48 | 0.08 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.45 | 50 | 50 | SSW | 4 | hf | 4 |
| Sumburgh Head | 29.39 | 49 | 46 | WNW | 4 | c | 4 |
| Stornoway ... | 29.48 | 49 | 47 | W | 2 | bc | 1 |
| Aberdeen ... | 29.53 | 53 | 48 | WNW | 1 | o | 1 |
| Shields ... ... | 29.62 | 56 | 54 | W | 2 | c | 2 |
| Ardrossan ... | 29.61 | 51 | 48 | W | 5 | o | 4 |
| Mullaghmore ... | 29.64 | 50 | 47 | W | 5 | bc | 4 |
| Holyhead ... ... | 29.72 | 52 | 50 | W | 2 | r | 2 |
| Valentia ... | 29.80 | 50 | 46 | WNW | 4 | cp | 4 |
| Scilly ... ... | 29.79 | 53 | 53 | NW | 5 | r | 5 |
| Dover ... ... | 29.82 | 57 | 57 | WSW | 3 | bfd | 2 |
| London ... | 29.79 | 60 | 59 | SSW | 1 | o | * |
| Yarmouth ... | 29.75 | 60 | 57 | SW | 3 | c | 3 |
| Jersey ... ... | 29.89 | 56 | 55 | WSW | 3 | o | 3 |
| Rochefort ... | 29.98 | 66 | 60 | NW | 5 | bc | 2 |

Weather is moderately fair in the Hebrides, dull or very cloudy elsewhere, with rain in the west and south-west. Wind is westerly on nearly all coasts, but draws into south-west in the south-east, while temperature ranges from about 50° in the north of Scotland and west of Ireland to 60° at Yarmouth and in London.

### EXPLANATION OF COLUMNS.

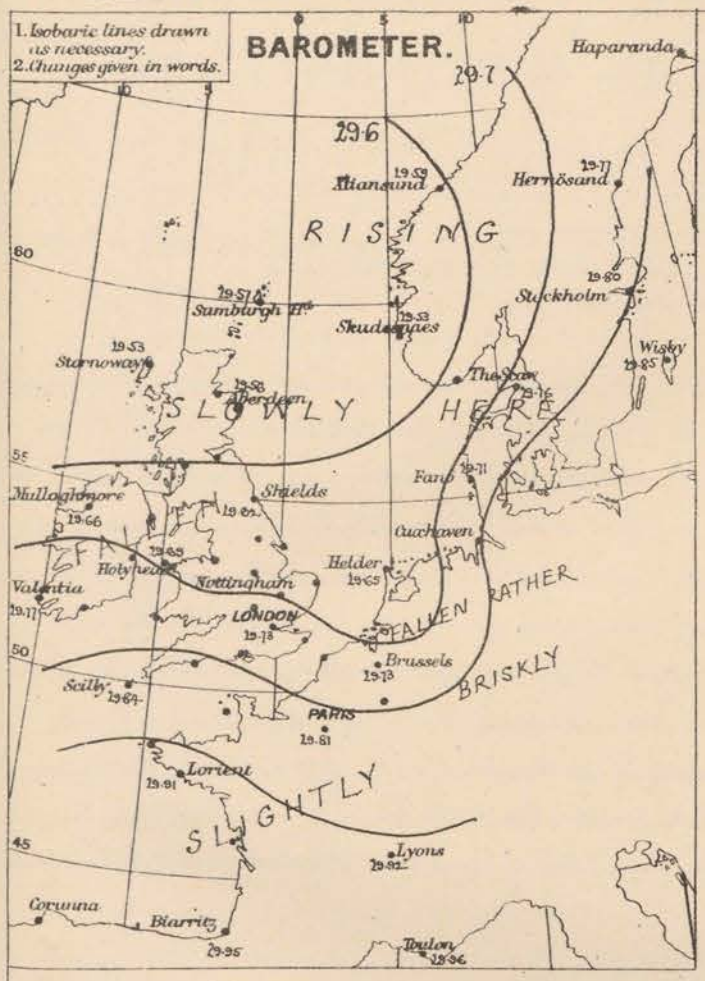
**WEATHER.**—*Beaufort Scale* is. b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

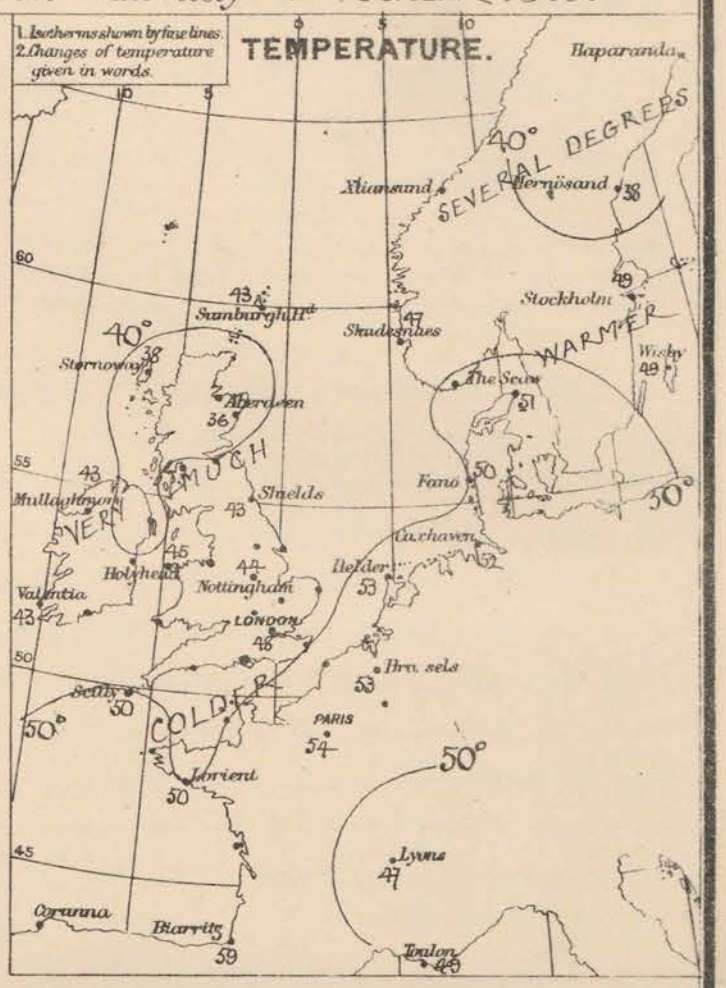
* AN ASTERISK is inserted in all places for which information is not usually received.

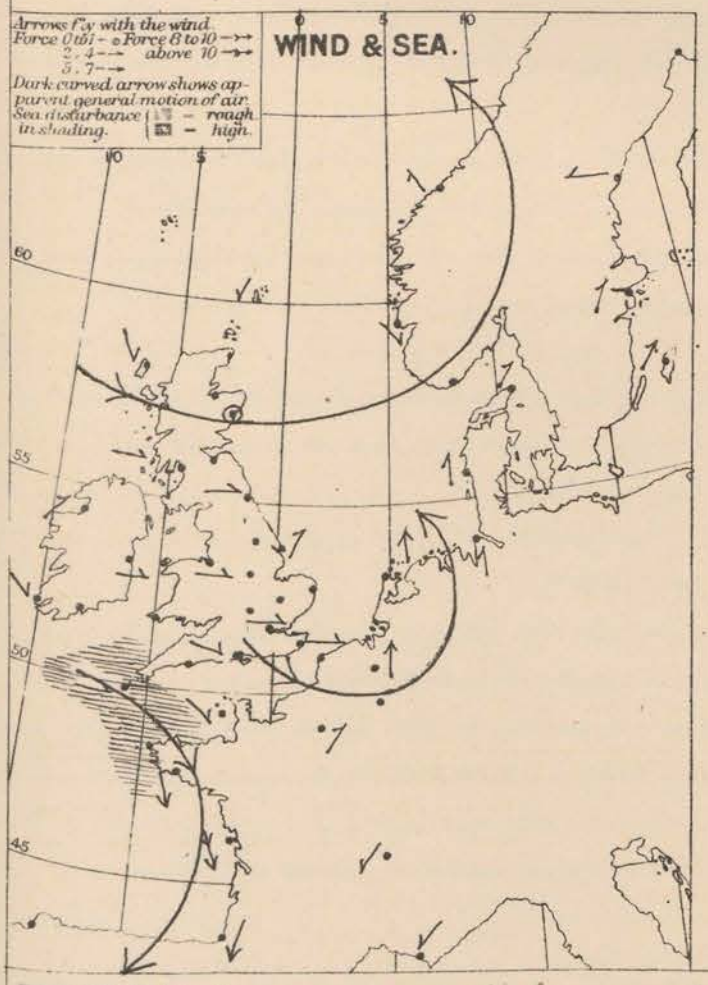
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

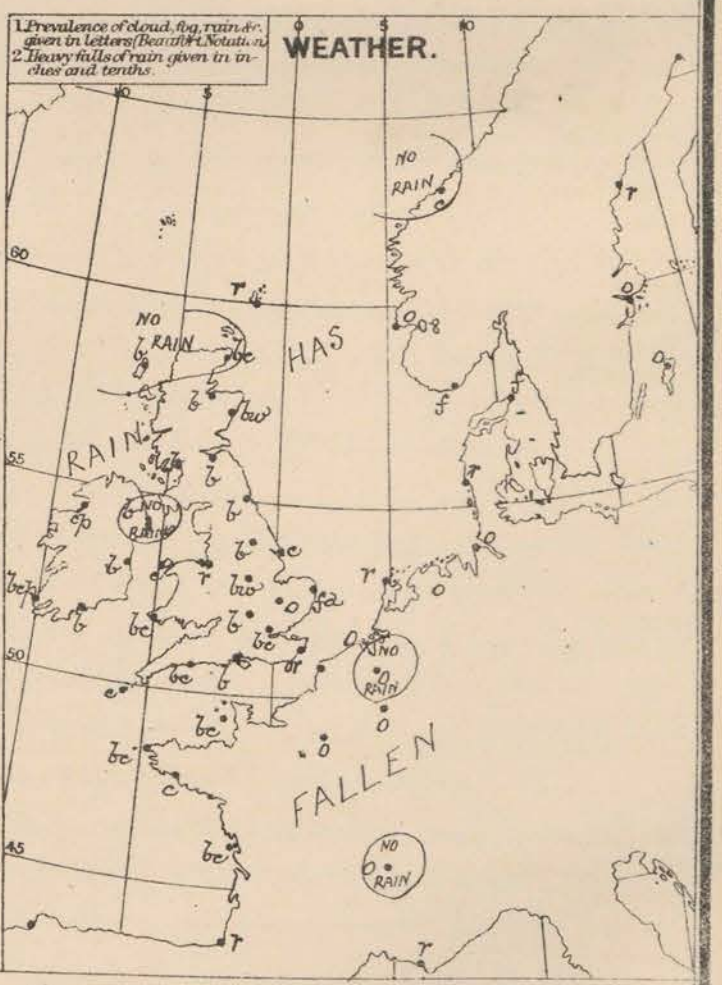
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Saturday 25th October 1879.*




**REMARKS.** Weather is fine over nearly the whole country, but in the extreme W. and SW. the sky is cloudy, and in West Ireland showers are reported, while at Dover, Cambridge and Yarmouth the weather is overcast with drizzling rain. On the Continent generally the sky is overcast, rain is falling at the Helder and Fanö, and fog is reported from the Skagen Reefs. Rain has fallen in nearly all places. Temperature has risen in Sweden and Norway, but has decreased in all other places; the change over these Islands is very considerable, amounting to between 5° and 10° at most stations, and to 18° at Aberdeen. Readings at present range from 35° at Haparanda to 50° at Scilly. Wind is NW. to W. on most of our coast, and over the W. of France, but is S. on the E. shores of the North Sea. It blows strongly over the Bay of Biscay, but is light or moderate over the British Isles. Sea is moderate to smooth except at Scilly and Brest.

Barometrical Indications. Pressure is increasing over Scandinavia, and at most of our stations, but is decreasing over France and N. Germany as well as at Valentia. A large area of low readings lies to the NW. of Scotland, and a small subsidiary depression has passed across S. England during the night.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Meteorological Office,
116, Victoria Street, Westminster. S.W.

R. H. SCOTT.
Secretary.

# SUMMARY OF WEATHER IN WESTERN EUROPE

*from* Oct^r 19^th to Oct^r 25^th 1879.

*(Issued Weekly as a Supplement to the "Daily Weather Report.")*

The weather during this week has been very unsettled, and considerable changes have occurred. During the first few days the weather was governed by a large depression, which advanced from the W^ward, passed to the N^ward of Scotland and travelled across Scandinavia. At first W^ly winds, strong to a gale were experienced, with high temperature, but on Monday NW^ly gales prevailed and temperature fell very fast, while on Tuesday fine, bright, cold weather with moderate NW^ly breeze was reported. On Wednesday the wind had backed to W., and the weather was much warmer, but the sky was generally overcast with rain, and small depressions passed quickly over us. On Thursday morning the weather was dull and temperature high, with light W^ly breezes, while in the evening, the wind backed to SW. in the N. with rain. On Friday a large depression was shown to the N^ward of Scotland, and a small subsidiary ~~air~~ the Irish Sea, the barometer was falling quickly, and the weather was dull and rainy, but on Saturday when both depressions had apparently moved away E^ward, the weather cleared and became fine and bright, and temperature fell with great rapidity. On Saturday evening pressure was rising fast in the N., and a complete reversal of the pre-existing conditions appeared likely.

SUNDAY Oct^r 19^th

Weather fine on our NE. coasts, but dull and unsettled in nearly all other parts of Western Europe, with rain over France, the Netherlands, and many parts of these Islands. Little change during day and rain falling at all stations.

Temperature rises very considerably, change exceeding 10° except in the W., and amounting to 20° at York and Shields. Readings uniform, varying from 48° in the Shetlands to 58° at Scilly. Falling fast in the evening.

Wind W^ly on all our coasts and over France, SW^ly in the Netherlands, and SE^ly in Norway; strong generally and blowing a gale in several places. Fresh to strong gale on many coasts during day.

Sea rough W., S. and N.

Barometer rising a little over France, falling elsewhere – rapidly over these Islands. Pressure highest over France, with large depression to the N^ward of Scotland. Disturbance moving very slowly and barometer falling all day.

MONDAY Oct 20^th

Weather fine at most of our more N^rn and E^rn stations, and in S. France, unsettled and cloudy elsewhere, with rain over the Channel and in N. Ireland. Rain except in SE. and SW. later.

Temperature rises on the Continent generally, but fallen briskly over these Islands. Readings varying from 40° at Nairn to 54° at Scilly. Maxima below 50° in Scotland, between 50° and 55° elsewhere.

Winds N^ly to NW^ly on our N^rn and W^rn coasts, W^ly to SW^ly over England and France, SW^ly over the North Sea, and E^ly in the N. of Scandinavia. Blowing a gale on many parts of our own and the French coasts. Easing off towards evening.

Sea high at Rochefort, Scilly and Mullaghmore, rough generally in the W., S. and NE.

Barometer beginning to rise on our N^rn coasts, still falling elsewhere. Disturbance noticed above shown over Norway. Pressure increasing everywhere during day – rapidly in N.

TUESDAY Oct^r 21^st

Weather fine all over the more N^rn, central and E^rn parts of the Kingdom, as well as in the N. and E. of France, overcast or cloudy elsewhere, with showers of hail at Cuxhaven and rain at Hurst Castle. Little change during day.

Temperature risen slightly Ireland, fallen elsewhere, – briskly over England and N. of France. Readings ranging from 36° at Shields to 54° at Scilly. Maxima between 50° and 55° except in E. Scotland and England, where lower.

Winds NW^ly to N^ly all over Western Europe, – moderate to fresh on our coasts, but blowing a hard gale over the North Sea. Wind backing to NSW. in the NW. at 6 p.m.

Sea very high on the E^rn shores of the North Sea, rough at some of the W^rn and E^rn stations, moderate to slight elsewhere.

Barometer falling briskly at Valencia, rising elsewhere – rapidly on our N^rn coasts and over the North Sea. Readings highest SW., with well marked depression over the Baltic. Slight decrease at Stornoway later.

WEDNESDAY OCTR 22ND

Weather fine over Denmark and N. Germany, dull, rainy, unsettled elsewhere. No improvement during day, and slight rainfall subsequently reported from most stations.

Temperature fallen most parts of the Continent, rising over these Islands. Readings varying from 56° at Scilly to 40° at Yarmouth. Maxima slightly exceeding 60° in East Scotland as well as at Rockis Point and Prawle Point, between 50° and 60° elsewhere.

Wind W. on all our coasts, but drawing into S. in the N. of Norway; blowing freshly in the SW., W. and N., light in the E. Little change during day beyond an inclination to veer towards NW.

Sea rough at Mullaghmore, Spurn Head and Sumburgh Head.

Barometer rising rapidly over S. of Scandinavia and over N. Germany, slightly over the S. of these Islands and France, falling on our W. coasts. Small depressions passing over us. Barometer rising W. and N., falling E. later.

THURSDAY OCTR 23RD

Weather fine at some of the NE. stations, over the Skager Rack and at Toulon, dull or cloudy elsewhere, with fog, mist or drizzling rain in many places. Heavy rain in the NW., and slight rain at most stations subsequently.

Temperature rises in nearly all places except the Shetlands and Hebrides. Readings uniform over these Islands, varying from 42° in the extreme N. to 55° in the S. Maxima between 55° and 65 generally.

Wind W. on most coasts, but drawing into NW. and N. over the Bay of Biscay. Moderate to light in force generally. Wind backing to SW. on our W. coasts later, and freshening at Mullaghmore.

Sea high at Christiansund and rough in the Skager Rack, nearly smooth on our coasts.

Barometer falling a little on our NW. coasts, as well as over Sweden, rising elsewhere. Readings highest over Bay of Biscay, lowest over Sweden. Pressure decreasing briskly in N. Ireland at night.

FRIDAY OCTR 24TH

Weather fine over Sweden, the SE. of France, the NE. of England and N. of Scotland, cloudy or dull elsewhere, with rain in Norway and the E. of Scotland. Dull all day and rain general.

Temperature fallen somewhat on our W. coasts and over W. France, risen in the E. and SE. and on the E. shores of the North Sea; readings ranging from 44° in the Shetlands to 57° in London. Maxima between 50° and 60°.

Wind W. to SW. at our stations, but SW. in N. Germany, and SE. in Norway, moderate on most of our coasts, fresh in Norway. Little change in direction later, but force increasing in W. and SW.

Sea rough at Mullaghmore, moderate or slight on our other coasts.

Barometer rising over Sweden, falling elsewhere. Large depression lying to the NW. of Scotland, with small subsidiary disturbances passing over us. Small depression over Channel at night, barometer rising in the N.

SATURDAY OCTR 25TH

Weather overcast to the E. of the North Sea, over the E. of France, and on the extreme SE. coast of England, fine and bright in most other places. Showers in the W. later, but fine all day over England.

Temperature fallen very fast over these Islands and the NW. of France, risen or changed irregularly elsewhere, change amounting to 18° at Aberdeen. Readings ranging from 35° at Nairn to 50° at Scilly.

Wind W. on our coasts, but drawing into S. and SE. on the Eastern shores of the North Sea, and into NW. and N. over the Bay of Biscay — blowing strongly in W. France, moderately elsewhere. Falling lighter later.

Sea rough in the SW.

Barometer falling briskly over N. Germany and slightly over France, rising slowly elsewhere. Readings highest over France, lowest over Scotland, but with small disturbance over N. Germany. Brisk rise in the N. later.

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*Meteorological Office,*
116, *Victoria Street, Westminster, S.W.,*
ROBERT H. SCOTT, Secretary.

# DAILY WEATHER REPORT 26th Oct. 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force (0 to 12). | Weather | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 30.21 | 29 | Z | 0 | c | 30.23 | | 22 | 22 | | E | 2 | o | * | 30 | 19 | — |
| Hernösand ... | 30.01 | 41 | ESE | 2 | r | 30.23 | + .46 | 39 | 39 | + 1 | Z | 0 | f | * | 43 | 32 | 0.28 |
| Stockholm ... | 30.05 | 49 | SW | 2 | o | 30.28 | + .48 | 42 | 41 | — 7 | W | 2 | f | * | 52 | 41 | — |
| Wisby ... ... | 29.97 | 46 | SW | 4 | b | 30.16 | + .31 | 44 | 43 | — 5 | SSE | 4 | b | * | 52 | 37 | — |
| Christiansund... | 29.76 | 44 | ESE | 1 | bc | 30.04 | + .45 | 45 | 43 | + 3 | Z | 0 | c | 2 | 48 | 36 | — |
| Skudesnaes ... | 29.67 | 50 | SSW | 4 | o | 30.08 | + .55 | 47 | 46 | 0 | E | 2 | o | 3 | 50 | 46 | — |
| Oxö (Xtiansund) ... | 29.77 | 51 | SSE | 4 | r | 30.08 | + .46 | 49 | 46 | — 3 | NNW | 1 | o | 3 | 52 | 46 | — |
| Skagen (The Skaw) | 29.69 | 50 | SSW | 4 | o | 30.12 | + .36 | 49 | 48 | — 2 | S | 3 | o | 3 | 51 | 45 | — |
| Fanö ... ... | 29.88 | 50 | S | 4 | o | 30.06 | + .35 | 48 | 48 | — 2 | SE | 4 | m | * | 52 | 46 | 0.04 |
| Cuxhaven .. | 29.81 | 54 | S | 1 | o | 30.05 | + .25 | 50 | 50 | — 2 | ESE | 1 | o | * | 54 | 46 | — |
| Sumburgh Head | 29.73 | 45 | NNE | 4 | o | 30.06 | + .48 | 40 | 39 | — 3 | Z | 0 | bc | 3 | 46 | 38 | 0.82 |
| Stornoway ... | 29.76 | 44 | E | 3 | r | 30.04 | + .51 | 42 | 40 | + 4 | E | 2 | bc | 2 | 48 | 39 | 0.13 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 29.74 | 45 | N | 4 | o | 30.07 | + .51 | 36 | 35 | + 1 | NW | 1 | b | 1 | 46 | 36 | 0.75 |
| Nairn ... ... | 29.82 | 36 | Z | 0 | bc | 30.09 | + .53 | 41 | 40 | + 6 | Z | 0 | r | 1 | 46 | 34 | 0.03 |
| Aberdeen ... | 29.73 | 40 | Z | 0 | b | 30.11 | + .55 | 31 | 30 | — 5 | SW | 1 | b | 1 | 51 | 30 | — |
| Leith ... ... | 29.75 | 44 | W | 1 | b | 30.09 | + .50 | 30 | 30 | — 10 | Z | 0 | bm | * | 49 | 29 | 0.02 |
| Shields ... ... | 29.76 | 47 | WNW | 1 | b | 30.10 | + .48 | 34 | 32 | — 9 | W | 1 | b | 2 | 51 | 32 | — |
| Spurn Head ... | 29.80 | 49 | W | 3 | bc | 30.05 | + .40 | 49 | 47 | + 3 | NNE | 2 | b | 1 | 51 | 41 | — |
| York ... ... | 29.79 | 44 | W | 1 | b | 30.09 | + .45 | 33 | 32 | — 10 | N | 1 | b | * | 53 | 30 | — |
| Nottingham ... | 29.50 | 43 | Z | 0 | b | 30.08 | + .38 | 39 | 38 | — 5 | NNE | 2 | b | * | 33 | 33 | — |
| Ardrossan ... | 29.74 | 47 | W | 1 | c | 30.07 | + .47 | 36 | 35 | — 10 | NE | 2 | bm | 2 | 51 | 35 | — |
| Mullaghmore ... | 29.73 | 44 | SSE | 4 | o | 29.99 | + .33 | 41 | 40 | — 2 | ESE | 5 | bc | 4 | 50 | 40 | 0.29 |
| Donaghadee ... | 29.78 | 41 | W | 2 | b | 30.03 | + .37 | 46 | 45 | + 8 | E | 5 | bc | 3 | 49 | 35 | — |
| Kingstown ... | 29.76 | 46 | SSE | 1 | bc | 29.91 | + .20 | 48 | 46 | + 7 | ESE | 5 | r | 4 | 51 | 39 | 0.48 |
| Holyhead ... | 29.78 | 45 | WSW | 1 | bc | 29.94 | + .25 | 46 | 45 | + 1 | E | 4 | o | 3 | 50 | 43 | 0.05 |
| Liverpool (Bidston) | 29.81 | 46 | W | 2 | b | 30.01 | + .33 | 42 | 40 | — 1 | E | 2 | b | 1 | 49 | 40 | 0.11 |
| Valentia ... ... | 29.78 | 45 | NNW | 2 | bc | 29.87 | + .10 | 41 | 38 | — 2 | N | 3 | b | 3 | 52 | 36 | 0.07 |
| Roche's Point... | 29.81 | 46 | NNW | 3 | bc | 29.84 | + .06 | 41 | 39 | — 1 | NNW | 3 | b | 3 | 49 | 39 | — |
| Pembroke ... | 29.77 | 45 | E | 1 | c | 29.82 | + .07 | 50 | 49 | + 3 | ESE | 6 | p. | 4 | 51 | 43 | 0.20 |
| Scilly ... ... | 29.77 | 50 | WNW | 2 | c | 29.78 | — .06 | 49 | 46 | — 1 | ENE | 6 | o | 6 | 55 | 46 | 0.02 |
| Prawle Point ... | 29.79 | 49 | SE | 2 | o | 29.84 | + .03 | 52 | 49 | + 6 | ESE | 6 | c | 5 | 52 | 46 | 0.22 |
| Hurst Castle ... | 29.84 | 48 | W | 2 | b | 29.95 | + .17 | 49 | 47 | + 3 | SE | 3 | bm | 4 | 53 | 47 | — |
| Dover ... ... | 29.85 | 48 | WNW | 2 | b | 30.01 | + .29 | 49 | 46 | — 1 | SE | 2 | b | 1 | 53 | 42 | 0.04 |
| London ... ... | 29.86 | 42 | W | 2 | c | 30.02 | + .29 | 37 | 37 | — 11 | Z | 0 | f | * | 57 | 35 | — |
| Oxford ... ... | 29.84 | 46 | SW | 1 | b | 30.03 | + .29 | 37 | 36 | — 7 | Z | 0 | bm | * | 54 | 33 | — |
| Cambridge ... | 29.85 | 43 | W | 1 | b | 30.06 | + .36 | 34 | 34 | — 12 | Z | 0 | b | * | 57 | 31 | — |
| Yarmouth ... | 29.84 | 47 | W | 1 | b | 30.04 | + .37 | 49 | 47 | + 2 | NE | 2 | b | 2 | 52 | 39 | 0.03 |
| The Helder ... | * | * | * | * | * | 30.06 | + .41 | 48 | 46 | — 5 | NNW | 1 | bc | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 29.88 | 49 | S | 1 | b | 29.92 | + .06 | 51 | 48 | + 1 | SE | 5 | b | 4 | 54 | 48 | 0.02 |
| Brest ... ... | 29.84 | 53 | WSW | 4 | o | 29.85 | — .08 | 52 | 51 | + 1 | SSW | 7 | r | 5 | 57 | 46 | 0.71 |
| Lorient ... ... | 29.86 | 53 | SW | 4 | c | 29.91 | .00 | 53 | 50 | + 3 | SSE | 7 | r | 4 | 57 | 46 | 0.35 |
| Rochefort ... | 29.96 | 53 | WNW | 4 | bc | 29.89 | — .03 | ? | ? | ? | SE | 5 | b | 2 | 66 | ? | — |
| Biarritz ... ... | 29.91 | 58 | N | 4 | c | 29.76 | — .19 | 49 | 47 | — 10 | SE | 5 | bc | 4 | 59 | 46 | 0.08 |
| Corunna ... ... | * | * | * | * | * | 29.72 | | 53 | * | | SW | 2 | c | 5 | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.02 | + .29 | 47 | 47 | — 4 | NE | 3 | f | * | 54 | 46 | 0.04 |
| Charleville ... | ? | 50 | W | 2 | o | ? | ? | 49 | 46 | — 2 | E | 1 | o | * | 54 | 46 | 0.08 |
| Paris ... ... | 29.91 | 53 | NNW | 3 | c | 30.02 | + .21 | 45 | 44 | — 9 | NNW | 1 | f | * | * | * | — |
| Lyons ... ... | 29.90 | 51 | ENE | 1 | o | 30.00 | + .08 | 48 | 48 | + 1 | E | 1 | c | * | 59 | 41 | — |
| Toulon ... ... | 29.98 | 52 | NE | 5 | o | 30.00 | + .04 | 54 | 51 | + 5 | E | 7 | r | 2 | ? | 48 | 0.16 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 29.57 | 50 | 50 | E | 3 | hf | 3 |
| Sumburgh Head | 29.65 | 44 | 42 | NE | 4 | r | 4 |
| Stornoway ... | 29.62 | 48 | 45 | S | 2 | bc | 1 |
| Aberdeen ... | 29.64 | 49 | 45 | NNW | 1 | b | 0 |
| Shields ... ... | 29.68 | 51 | 45 | WNW | 1 | b | 2 |
| Ardrossan ... | 29.66 | 51 | 46 | W | 4 | b | 4 |
| Mullaghmore ... | 29.71 | 47 | 45 | W | 4 | cp | 3 |
| Holyhead... ... | 29.73 | 49 | 45 | WSW | 3 | bc | 2 |
| Valentia ... | 29.76 | 48 | 45 | NNW | 2 | cp | 3 |
| Scilly ... ... | 29.78 | 52 | 49 | SW | 4 | cp | 6 |
| Dover ... ... | 29.79 | 52 | 48 | W | 3 | b | 1 |
| London ... | 29.79 | 52 | 47 | W | 2 | bc | 2 |
| Yarmouth ... | 29.75 | 52 | 48 | WSW | 2 | b | 2 |
| Jersey... ... | 29.89 | 53 | 49 | WNW | 3 | bp | 3 |
| Rochefort ... | 29.95 | 57 | 51 | NNW | 7 | bc | 2 |

Weather is fine at nearly all our stations, but showers are reported from the extreme W. and SW. and rain from the Shetlands. Wind is generally W^e, but at Valentia a NNW^t, and at Scilly a SW^t breeze is reported. The barometer is falling in the SW. where apparently a depression is in course of formation.

### EXPLANATION OF COLUMNS.

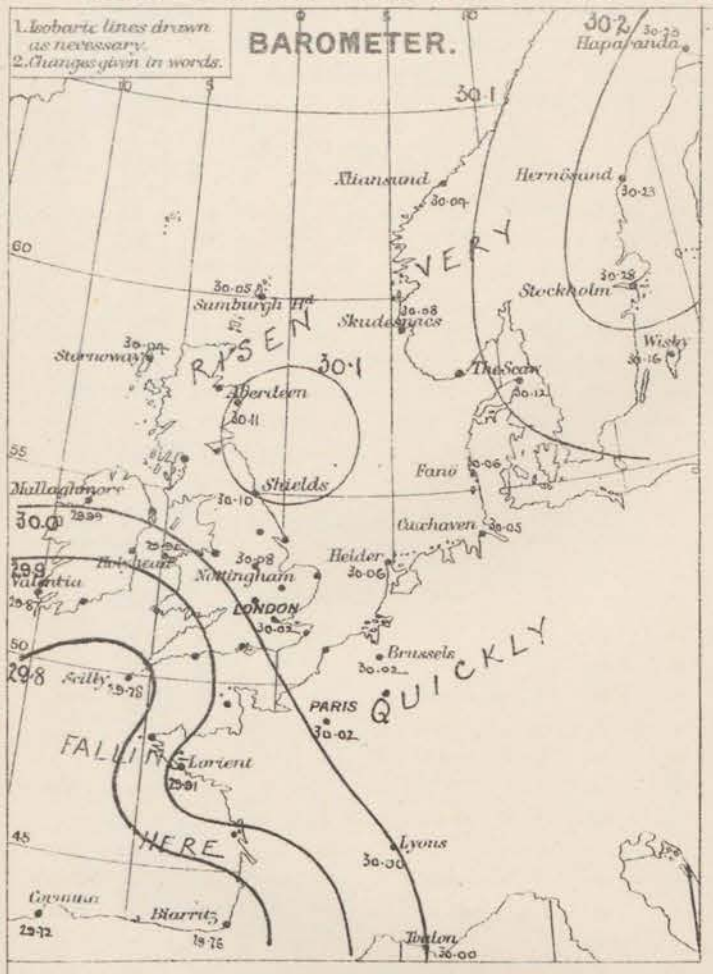
**WEATHER.**—*Beaufort Scale* b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

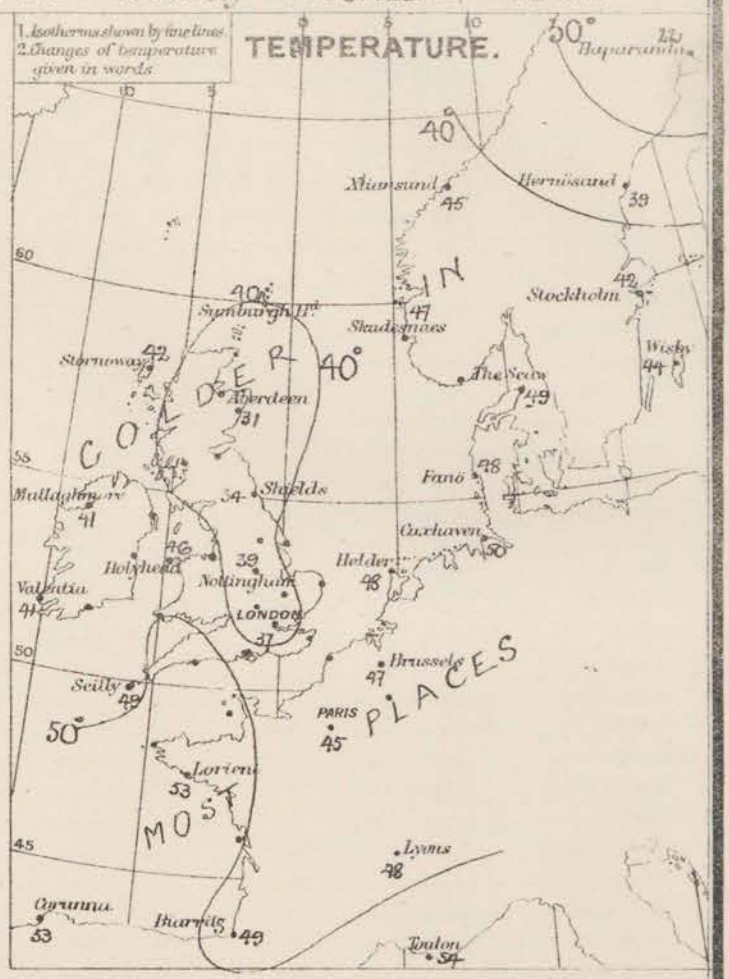
* AN ASTERISK is inserted in all places for which information is not usually received.

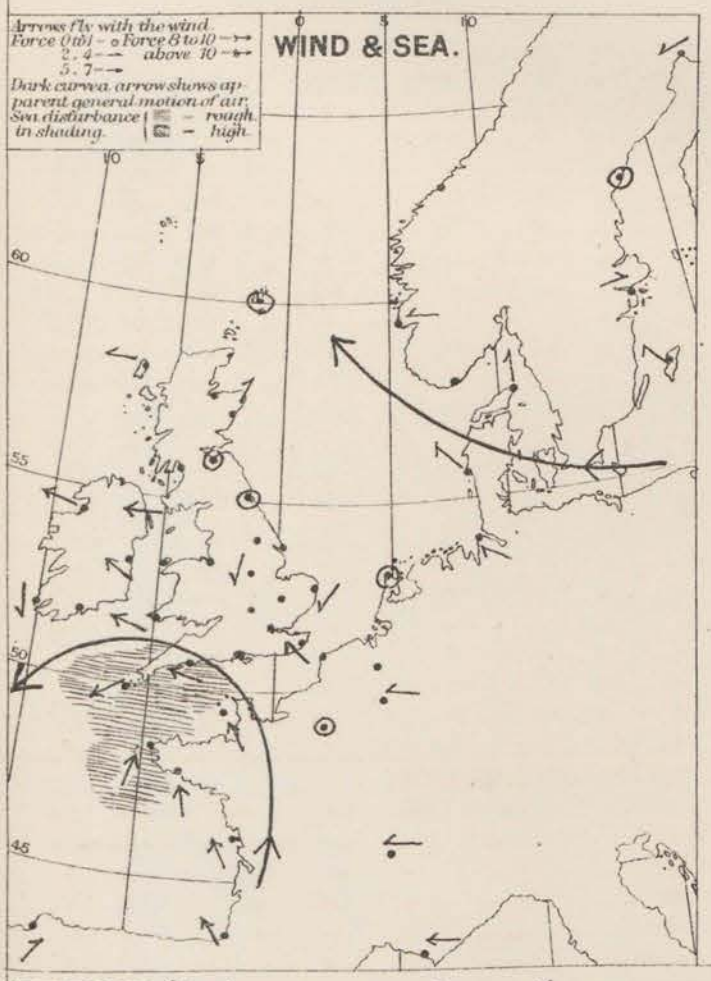
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

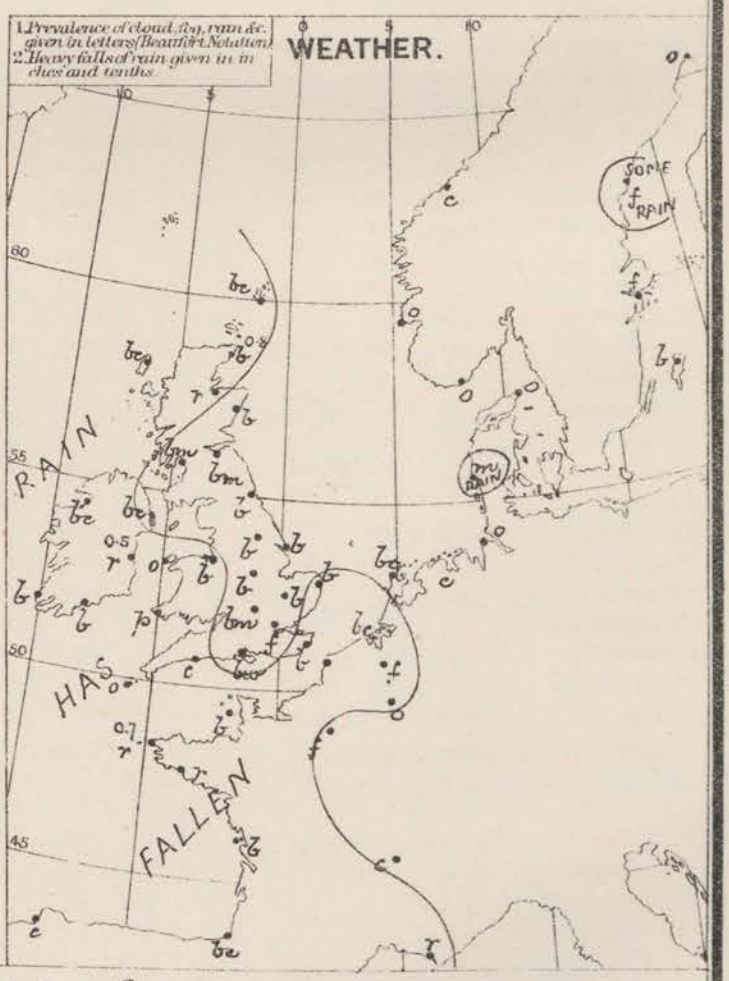
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Sunday 26. OCTOBER 1879.




**REMARKS.** Weather is dull and showery this morning over the SW. of England, and rain and overcast skies are reported from the shores of the Irish Sea, but in all other places the weather is very fine and bright. Rain has fallen in the extreme N and W. Temperature is higher in the N. of Scotland and Ireland than it was at 8 a.m. yesterday, but in nearly all other districts it is considerably lower. In the N. of England and E. of Scotland the weather is very cold the thermometer marking 30° at Leith, 31° at Aberdeen, 33° at York and 34° at Shields and Cambridge. Sharp frost was experienced on the ground at most stations. Wind has shifted very suddenly to the E.ward over England, and the N. of Ireland, and blows strongly on our SW. coasts; in S. Ireland light N.ly breezes are reported, while in Scotland light variable breezes are reported. Sea is moderate to slight except at the mouth of the Channel. Barometrical Indications. Pressure is increasing everywhere, but while the increase is considerable in the N, where readings are now highest, it is very slight in the SW.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Meteorological Office, 116, Victoria Street, Westminster: S.W.

R. H. SCOTT. Secretary.

DANGERFIELD LITH 22 BEDFORD ST COVENT GARDEN

# DAILY WEATHER REPORT 27 OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | | | | | | | | | | | | | | * | | | |
| Hernösand ... | | | | | | | | | | | | | | * | | | |
| Stockholm ... | 30·37 | 43 | NE | 2 | o | 30·38 | + ·10 | 43 | 42 | + 1 | ENE | 3 | o | * | 50 | 41 | — |
| Wisby ... ... | 30·24 | 48 | E | 4 | c | 30·26 | + ·10 | 48 | 47 | + 4 | ESE | 4 | o | * | 56 | 37 | 0·08 |
| Christiansund... | 30·20 | 44 | Z | 0 | b | 30·24 | + ·20 | 40 | 40 | − 5 | S | 1 | bc | 3 | 50 | 32 | — |
| Skudesnaes ... | 30·24 | 48 | Z | 0 | o | 30·30 | + ·22 | 48 | 47 | + 1 | NE | 2 | of | 2 | 48 | 46 | — |
| Oxö (Xtiansund)... | 30·26 | 50 | ENE | 4 | o | 30·32 | + ·24 | 47 | 46 | − 2 | NE | 4 | o | 2 | 50 | 45 | — |
| Skagen (The Skaw) | 30·26 | 49 | Z | 0 | o | 30·32 | + ·20 | 48 | 46 | − 1 | ENE | 2 | o | 2 | 52 | 43 | — |
| Fanö ... ... | 30·21 | 46 | E | 2 | o | 30·26 | + ·20 | 46 | 46 | − 2 | ESE | 2 | o | * | 52 | 43 | — |
| Cuxhaven ... | 30·18 | 46 | E | 1 | f | 30·25 | + ·20 | 48 | 47 | − 2 | SE | 2 | bc | * | 50 | 43 | — |
| Sumburgh Head | 30·20 | 44 | WSW | 2 | c | 30·25 | + ·20 | 42 | 40 | + 2 | SW | 1 | b | 1 | 50 | 39 | — |
| Stornoway ... | 30·17 | 43 | NE | 1 | b | 30·24 | + ·20 | 37 | 37 | − 5 | N | 1 | bw | 0 | 47 | 33 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30·19 | 41 | NW | 1 | b | 30·26 | + ·19 | 35 | 32 | − 4 | Z | 0 | bc | 1 | 50 | 27 | — |
| Nairn ... ... | 30·22 | 37 | Z | 0 | b | 30·29 | + ·20 | 29 | 27 | − 12 | Z | 0 | b | 0 | 46 | 29 | 0·02 |
| Aberdeen ... | 30·20 | 40 | Z | 0 | b | 30·32 | + ·21 | 30 | 29 | − 1 | WSW | 1 | b | 1 | 52 | 30 | — |
| Leith ... ... | 30·20 | 45 | E | 1 | b | 30·31 | + ·22 | 41 | 41 | + 11 | W | 1 | m | * | 51 | 30 | — |
| Shields ... ... | 30·18 | 47 | ENE | 1 | bc | 30·29 | + ·19 | 47 | 43 | + 13 | E | 2 | c | 2 | 53 | 33 | — |
| Spurn Head ... | 30·13 | 50 | NE | 4 | c | 30·21 | + ·16 | 50 | 49 | + 1 | NNE | 4 | c | 3 | 53 | 41 | — |
| York ... ... | 30·15 | 45 | E | 1 | b | 30·25 | + ·16 | 46 | 45 | + 13 | ENE | 1 | o | * | 54 | 32 | — |
| Nottingham ... | 30·13 | 47 | E | 4 | c | 30·21 | + ·13 | 50 | 49 | + 11 | N | 4 | o | * | 52 | 38 | 0·04 |
| Ardrossan ... | 30·17 | 40 | NE | 2 | b | 30·28 | + ·21 | 39 | 38 | + 3 | ENE | 3 | f | 2 | 51 | 35 | — |
| Mullaghmore ... | 30·06 | 47 | E | 6 | o | 30·22 | + ·23 | 42 | 42 | + 2 | ESE | 4 | b | 3 | 50 | 40 | 0·02 |
| Donaghadee ... | 30·14 | 49 | E | 4 | b | 30·26 | + ·23 | 46 | 44 | 0 | E | 4 | b | 3 | 50 | 45 | — |
| Kingstown ... | 30·03 | 51 | E | 6 | b | 30·19 | + ·28 | 51 | 48 | + 3 | E | 6 | c | 6 | 52 | 46 | 0·21 |
| Holyhead ... | 30·03 | 48 | E | 4 | b | 30·14 | + ·20 | 48 | 47 | + 2 | E | 5 | o | 4 | 52 | 45 | — |
| Liverpool (Bidston) | 30·09 | 46 | E | 2 | b | 30·17 | + ·16 | 47 | 45 | + 5 | ENE | 5 | m | 2 | 51 | 42 | — |
| Valentia ... ... | 29·88 | 44 | NNE | 3 | bc | 30·05 | + ·18 | 47 | 44 | + 6 | NE | 4 | bcq | 4 | 53 | 40 | 0·02 |
| Roche's Point... | 29·86 | 47 | SE | 6 | r | 30·02 | + ·18 | 48 | 46 | + 7 | ENE | 4 | c | 4 | 50 | 38 | 0·23 |
| Pembroke ... | 29·92 | 52 | ESE | 6 | c | 30·02 | + ·20 | 48 | 45 | − 2 | ENE | 5 | c | 3 | 53 | 45 | 0·11 |
| Scilly ... ... | 29·79 | 53 | ESE | 7 | o | 29·81 | + ·06 | 56 | 55 | + 7 | E | 9 | r | 6 | 56 | 47 | 0·57 |
| Prawle Point ... | 29·89 | 53 | ESE | 6 | c | 29·93 | + ·09 | 54 | 54 | + 2 | ENE | 6 | r | 6 | 55 | 51 | 0·01 |
| Hurst Castle ... | 29·99 | 50 | E | 4 | bc | 30·04 | + ·09 | 52 | 52 | + 3 | E | 4 | m | 3 | 55 | 48 | — |
| Dover ... ... | 30·03 | 52 | E | 5 | c | 30·12 | + ·11 | 50 | 49 | + 1 | ESE | 3 | cg | 2 | 54 | 48 | 0·05 |
| London ... ... | 30·02 | 51 | ESE | 1 | o | 30·11 | + ·09 | 52 | 51 | + 15 | ESE | 3 | om | * | 53 | 37 | — |
| Oxford ... ... | 30·05 | 45 | E | 2 | b | 30·12 | + ·09 | 51 | 50 | + 14 | E | 1 | o | * | 55 | 36 | — |
| Cambridge ... | 30·09 | 47 | E | 1 | c | 30·16 | + ·10 | 51 | 50 | + 17 | NE | 1 | o | * | 53 | 32 | 0·02 |
| Yarmouth ... | 30·08 | 51 | E | 4 | c | 30·18 | + ·14 | 52 | 51 | + 3 | E | 3 | b | 4 | 52 | 48 | 0·01 |
| The Helder ... | * | * | * | * | * | 30·21 | + ·15 | 46 | 45 | − 2 | E | 1 | f | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 29·91 | 52 | E | 4 | b | 29·96 | + ·04 | 53 | 52 | + 2 | E | 5 | cm | 4 | 56 | 49 | 0·02 |
| Brest ... ... | ? | 51 | ? | 5 | o | 29·80 | − ·05 | 52 | 51 | 0 | SE | 8 | r | 4 | 52 | ? | 1·22 |
| Lorient ... ... | 29·78 | 53 | SE | 7 | r | 29·84 | − ·07 | 54 | 52 | + 1 | SE | 7 | r | 4 | ? | ? | — |
| Rochefort ... | 29·80 | 60 | SSE | 5 | c | 29·88 | − ·01 | 54 | 51 | ? | SE | 5 | o | 2 | 64 | 39 | — |
| Biarritz ... ... | 29·74 | 59 | E | 5 | c | 29·81 | + ·05 | 61 | 53 | + 12 | SE | 5 | o | 4 | 64 | 46 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30·17 | + ·15 | 39 | 39 | − 8 | E | 1 | f | * | 53 | 33 | 0·04 |
| Charleville ... | ? | 48 | SE | 1 | b | ? | ? | 41 | 39 | − 8 | SE | 1 | b | * | 57 | 37 | — |
| Paris ... ... | 29·99 | 51 | NNE | 1 | o | 30·08 | + ·06 | 50 | 48 | + 6 | NE | 3 | o | * | * | * | — |
| Lyons ... ... | 29·99 | 47 | NE | 1 | bc | 30·10 | + ·10 | 47 | 47 | − 1 | NE | 1 | o | * | 63 | 42 | — |
| Toulon ... ... | 29·97 | 56 | E | 8 | c | 30·07 | + ·07 | 54 | 52 | 0 | E | 9 | r | 7 | 57 | 50 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30·20 | 48 | 46 | WNW | 1 | c | 2 | Valentia ... | | | | | | | |
| Sumburgh Head | | | | | | | | Scilly ... ... | | | | | | | * |
| Stornoway ... | | | | | | | | Dover ... ... | | | | | | | |
| Aberdeen ... | | | | | | | | London ... | | | | | | | |
| Shields ... ... | | | | | | | | Yarmouth ... | | | | | | | |
| Ardrossan ... | | | | | | | | Jersey ... ... | | | | | | | |
| Mullaghmore ... | | | | | | | | Rochefort ... | 29·91 | 60 | 53 | SE | 5 | c | 2 |
| Holyhead... ... | | | | | | | | | | | | | | | |

### EXPLANATION OF COLUMNS.

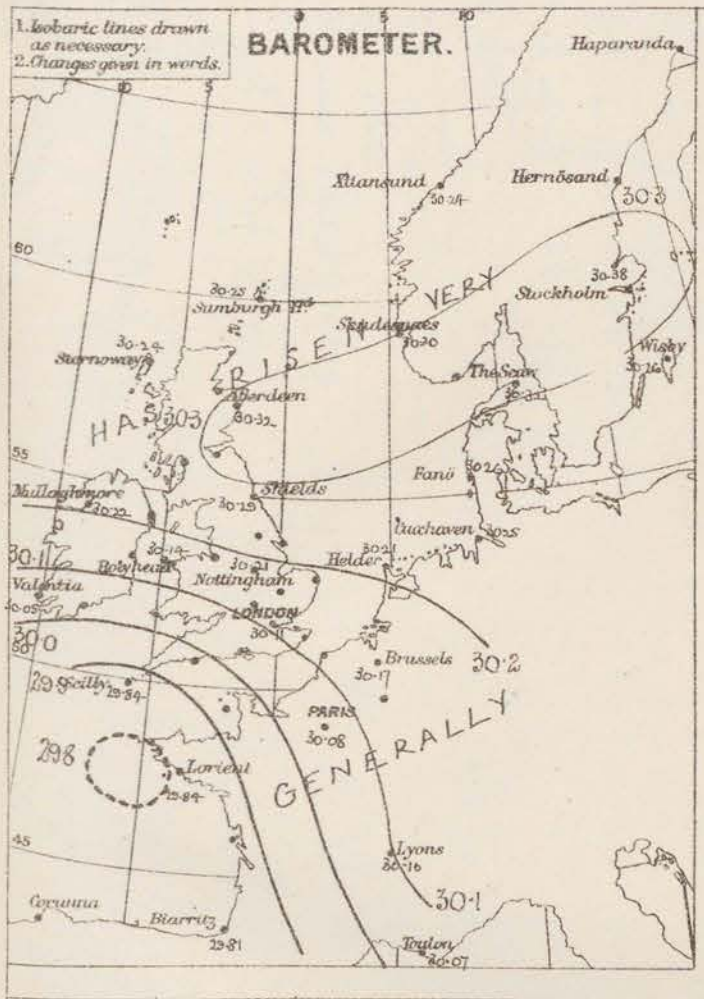
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

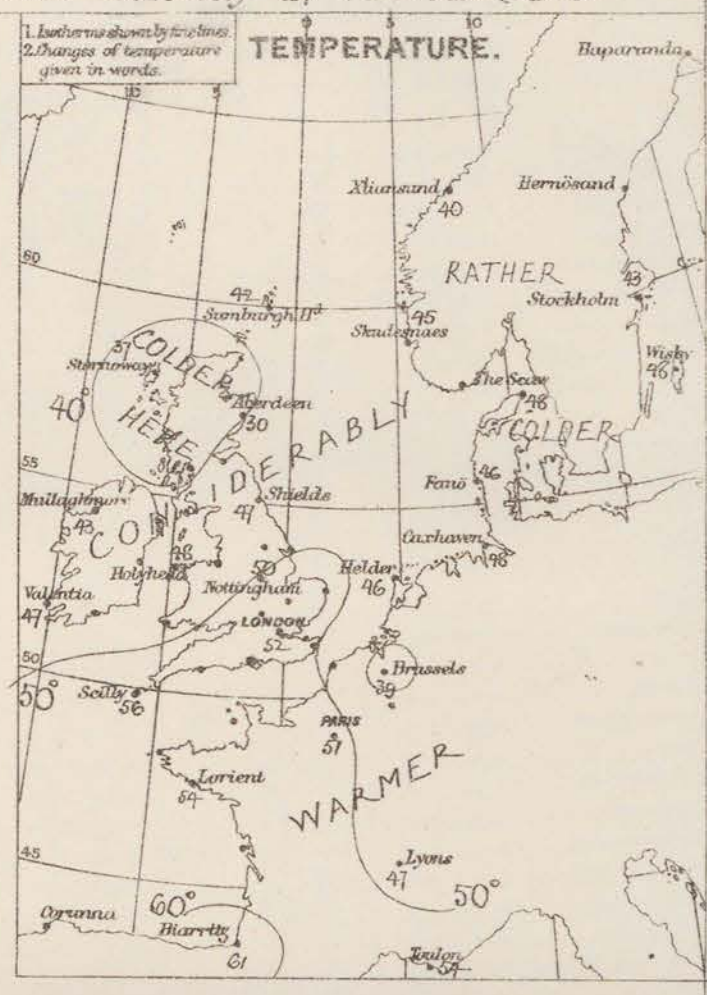
* AN ASTERISK is inserted in all places for which information is not usually received.

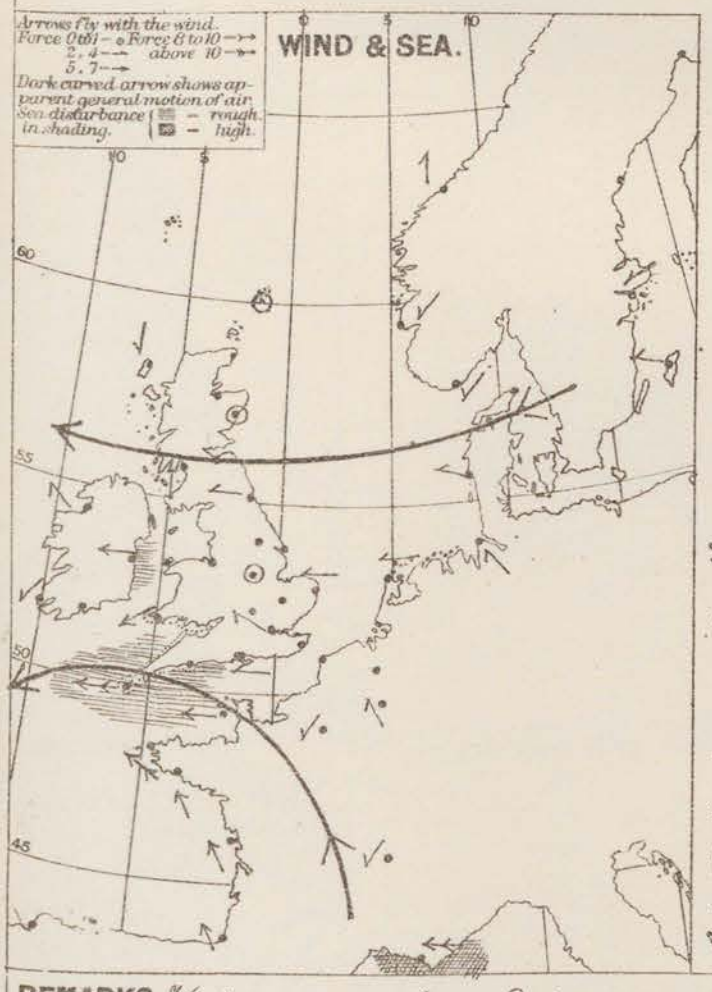
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

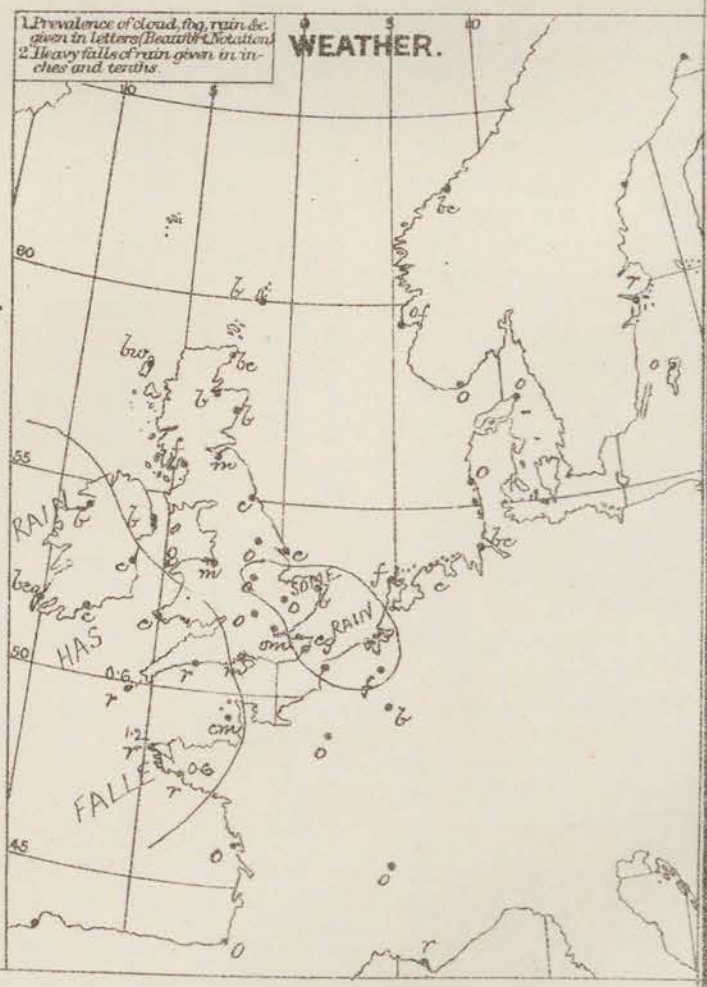
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Monday 27th October 1879.*




Isobaric lines is drawn when the signals are up.

**REMARKS.** Weather is clear over the N. of Scotland and N. of Ireland, overcast in all other places, with rain and mist over the S. of England and the Channel, and heavy rain at Toulon. Over an inch of rain has fallen at Brest, and about half of inch at Scilly and smaller amounts at most of the more W^n stations. Temperature has fallen over the N. of Scotland, and on the E^n shores of the Irish Sea, rises elsewhere, the change ranging from 10° to 17° over E^n and central England. Readings at present vary from 29° at Haparanda to 56° at Scilly. Wind is light and variable over Scotland, E^d in nearly all other places. On our W^n and SW^n coasts the wind is strong, and at the mouths of the Channel reaches the force of a gale. Sea is rough at the mouths of the Channel, and at Kingstown, moderate to slight elsewhere.

Barometrical Indications. Pressure is increasing over the whole of W^n Europe. An area of high readings lies over Scandinavia and our N^n coasts, while a small depression lies off Ushant.

Warnings. The South Cone was hoisted in the SW^n yesterday.


Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/. per quarter. " book post 6/. " "

Meteorological Office.
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

# DAILY WEATHER REPORT 28th OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 30·06 | 37 | S | 4 | bc | 29·99 | | 37 | 36 | | S | 4 | c | * | 37 | 32 | — |
| Hernösand ... | 30·26 | 40 | SW | 2 | o | 30·24 | | 32 | 31 | | Z | 0 | f | * | 41 | ? | — |
| Stockholm ... | 30·34 | 45 | Z | 0 | o | 30·32 | − ·06 | 45 | 45 | + 2 | W | 2 | f | * | 46 | 39 | 0·08 |
| Wisby ... ... | 30·24 | 49 | S | 4 | c | 30·27 | + ·01 | 47 | 46 | − 1 | NNW | 2 | o | * | 52 | 43 | — |
| Christiansund... | 30·21 | 37 | SW | 5 | c | 30·13 | − ·11 | 46 | 41 | + 6 | SW | 1 | c | ? 1 | 48 | 32 | — |
| Skudesnaes ... | 30·32 | 47 | Z | 0 | o | 30·31 | + ·01 | 43 | 43 | − 5 | E | 2 | f | 2 | ? | ? | — |
| Oxö (Xtiansund) ... | 30·33 | 46 | NNW | 1 | o | 30·32 | ·00 | 45 | 45 | − 2 | WSW | 1 | c | 1 | ? | 43 | 0·12 |
| Skagen (The Skaw) | 30·33 | 47 | Z | 0 | o | 30·33 | + ·01 | 46 | 45 | − 2 | Z | 0 | o | 1 | 50 | 41 | — |
| Fanö ... ... | 30·33 | 46 | Z | 0 | o | 30·33 | + ·07 | 46 | 45 | 0 | SSE | 1 | o | * | 50 | 45 | — |
| Cuxhaven ... | 30·31 | 49 | SE | 1 | bc | 30·35 | + ·10 | 44 | 43 | − 4 | ENE | 2 | bc | * | ? | 41 | — |
| Sumburgh Head | 30·26 | 44 | W | 3 | b | 30·18 | − ·07 | 46 | 44 | + 4 | SW | 3 | c | 3 | 51 | 40 | — |
| Stornoway ... | 30·24 | 43 | Z | 0 | o | 30·17 | − ·07 | 46 | 45 | + 9 | SW | 4 | c | 3 | 47 | 35 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30·29 | 40 | Z | 0 | b | 30·22 | − ·04 | 35 | 32 | 0 | Z | 0 | bc | 0 | 52 | 32 | — |
| Nairn ... ... | 30·29 | 36 | Z | 0 | b | 30·25 | − ·04 | 32 | 30 | + 3 | Z | 0 | b | 0 | 42 | 29 | — |
| Aberdeen ... | 30·30 | 43 | Z | 0 | b | 30·29 | − ·03 | 33 | 32 | + 3 | SSW | 1 | b | 0 | 51 | 30 | — |
| Leith ... ... | 30·33 | 46 | E | 3 | b | 30·33 | + ·02 | 34 | 34 | − 7 | WSW | 2 | m | * | 50 | 31 | — |
| Shields ... ... | 30·32 | 49 | E | 2 | o | 30·34 | + ·05 | 42 | 42 | − 5 | Z | 0 | f | 1 | 52 | 39 | — |
| Spurn Head ... | 30·27 | 49 | NNE | 4 | c | 30·32 | + ·11 | 47 | 46 | − 3 | NNE | 2 | bcw | 2 | 54 | 46 | — |
| York ... ... | 30·30 | 48 | NE | 2 | o | 30·26 | + ·01 | 40 | 40 | − 6 | E | 1 | f | * | 52 | 39 | — |
| Nottingham ... | 30·28 | 52 | E | 3 | o | 30·34 | + ·13 | 48 | 47 | − 2 | NNE | 3 | c | * | 54 | 45 | — |
| Ardrossan ... | 30·30 | 43 | ENE | 3 | b | 30·31 | + ·03 | 39 | 38 | 0 | ENE | 3 | c | 2 | 50 | 36 | — |
| Mullaghmore ... | 30·22 | 48 | E | 4 | b | 30·26 | + ·04 | 46 | 46 | + 3 | E | 4 | bm | 3 | 50 | 42 | — |
| Donaghadee ... | 30·29 | 50 | ESE | 5 | c | 30·31 | + ·05 | 50 | 48 | + 4 | E | 2 | c | 1 | 50 | 45 | — |
| Kingstown ... | 30·28 | 52 | E | 4 | o | 30·26 | + ·07 | 47 | 47 | − 4 | NNW | 2 | bqf | 3 | 52 | 45 | 0·01 |
| Holyhead ... | 30·18 | 50 | E | 5 | b | 30·23 | + ·09 | 47 | 46 | − 1 | NE | 2 | bc | 1 | 53 | 45 | — |
| Liverpool (Bidston) | 30·24 | 50 | E | 3 | o | 30·30 | + ·13 | 48 | 46 | + 1 | ESE | 2 | m | 1 | 51 | 46 | — |
| Valentia ... ... | 30·09 | 53 | ENE | 5 | c | 30·19 | + ·14 | 52 | 50 | + 5 | NE | 1 | cm | 2 | 54 | 46 | — |
| Roche's Point... | 30·07 | 53 | ESE | 5 | c | 30·19 | + ·17 | 53 | 52 | + 5 | E | 4 | m | 4 | 55 | 46 | — |
| Pembroke ... | 30·08 | 54 | ENE | 5 | bc | 30·20 | + ·18 | 49 | 49 | + 1 | E | 3 | bc | 3 | 56 | 47 | — |
| Scilly ... ... | 29·94 | 56 | E | 8 | r | 30·02 | + ·20 | 55 | 53 | − 1 | ENE | 6 | cm | 6 | 58 | 53 | 0·39 |
| Prawle Point ... | 30·02 | 55 | ENE | 5 | o | 30·07 | + ·14 | 50 | 49 | − 4 | ENE | 6 | m | 5 | 57 | 48 | 0·03 |
| Hurst Castle ... | 30·11 | 54 | E | 4 | c | 30·20 | + ·16 | 49 | 49 | − 3 | ENE | 5 | bcw | 4 | 55 | 47 | — |
| Dover ... ... | 30·18 | 53 | ENE | 4 | b | 30·35 | + ·23 | 50 | 48 | 0 | ENE | 5 | cg | 3 | 55 | 49 | — |
| London ... ... | 30·21 | 52 | E | 2 | o | 30·26 | + ·15 | 50 | 47 | − 2 | E | 4 | cg | * | 57 | 49 | — |
| Oxford ... ... | 30·21 | 52 | E | 1 | c | 30·27 | + ·15 | 47 | 45 | − 4 | E | 2 | o | * | 57 | 47 | — |
| Cambridge ... | 30·24 | 49 | E | 1 | c | 30·30 | + ·14 | 42 | 42 | − 9 | E | 1 | c | * | 56 | 41 | — |
| Yarmouth ... | 30·24 | 51 | E | 4 | b | 30·30 | + ·12 | 50 | 48 | − 2 | E | 3 | bc | 3 | 53 | 48 | — |
| The Helder ... | * | * | * | * | * | 30·30 | + ·09 | 44 | 43 | − 2 | E | 2 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30·03 | 56 | ENE | 4 | c | 30·07 | + ·11 | 52 | 50 | − 1 | ENE | 6 | cm | 4 | 59 | 51 | — |
| Brest ... ... | 29·92 | 52 | SE | 4 | r | 30·00 | + ·20 | 50 | 48 | − 2 | E | 5 | o | 3 | 54 | 48 | 0·43 |
| Lorient ... ... | 29·97 | 54 | SE | 5 | c | 29·95 | + ·11 | 50 | 48 | − 4 | E | 5 | m | 2 | 57 | 48 | 0·59 |
| Rochefort ... | 29·93 | 57 | E | 3 | o | 29·88 | ·00 | 54 | 52 | 0 | E | 7 | o | 2 | 61 | 48 | — |
| Biarritz ... ... | 29·84 | 59 | ESE | 4 | o | 29·76 | − ·05 | 54 | 50 | − 7 | ESE | 3 | c | 3 | 64 | 48 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30·26 | + ·09 | 41 | 41 | + 2 | E | 3 | f | * | 55 | ? | — |
| Charleville ... | ? | 46 | SE | 1 | b | ? | ? | 40 | 37 | − 1 | E | 1 | m | * | 61 | 37 | — |
| Paris ... ... | 30·08 | 54 | ESE | 1 | b | 30·18 | + ·10 | 44 | 42 | − 7 | NE | 4 | o | * | * | * | — |
| Lyons ... ... | | | | | | | | | | | | | | * | | | |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30·30 | 49 | 47 | WNW | 2 | of | 2 |
| Sumburgh Head | 30·26 | 48 | 46 | WSW | 3 | bc | 2 |
| Stornoway ... | 30·24 | 47 | 45 | Z | 0 | c | 0 |
| Aberdeen ... | 30·30 | 47 | 44 | SW | 1 | b | 1 |
| Shields ... ... | 30·30 | 52 | 48 | E | 2 | o | 2 |
| Ardrossan ... | 30·28 | 49 | 46 | ENE | 2 | bm | 2 |
| Mullaghmore ... | 30·23 | 50 | 47 | E | 5 | cm | 3 |
| Holyhead... ... | 30·15 | 57 | 50 | E | 5 | b | 4 |

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|
| Valentia ... | 30·05 | 52 | 49 | NNE | 6 | cm | 6 |
| Scilly ... ... | 29·92 | 58 | 55 | E | 8 | o | 7 |
| Dover ... ... | 30·15 | 54 | 52 | E | 3 | b | 2 |
| London ... | 30·16 | 56 | 54 | ESE | 2 | o | 2 |
| Yarmouth ... | 30·21 | 53 | 51 | E | 3 | b | 3 |
| Jersey ... ... | 29·98 | 58 | 55 | E | 4 | bcm | 4 |
| Rochefort ... | 30·12 | 58 | 57 | SSE | 5 | o | 2 |

Weather remains overcast in the south-west, but is fine to fair elsewhere. Wind is still E & blows a gale at Scilly. Pressure is changing very little.

### EXPLANATION OF COLUMNS.

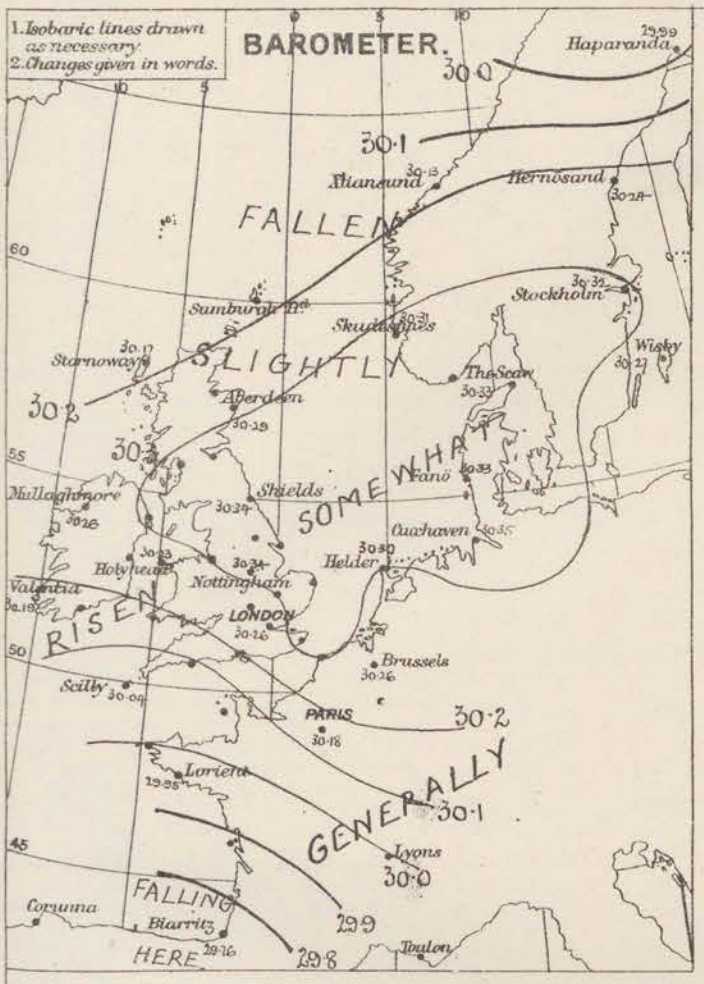
WEATHER.—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

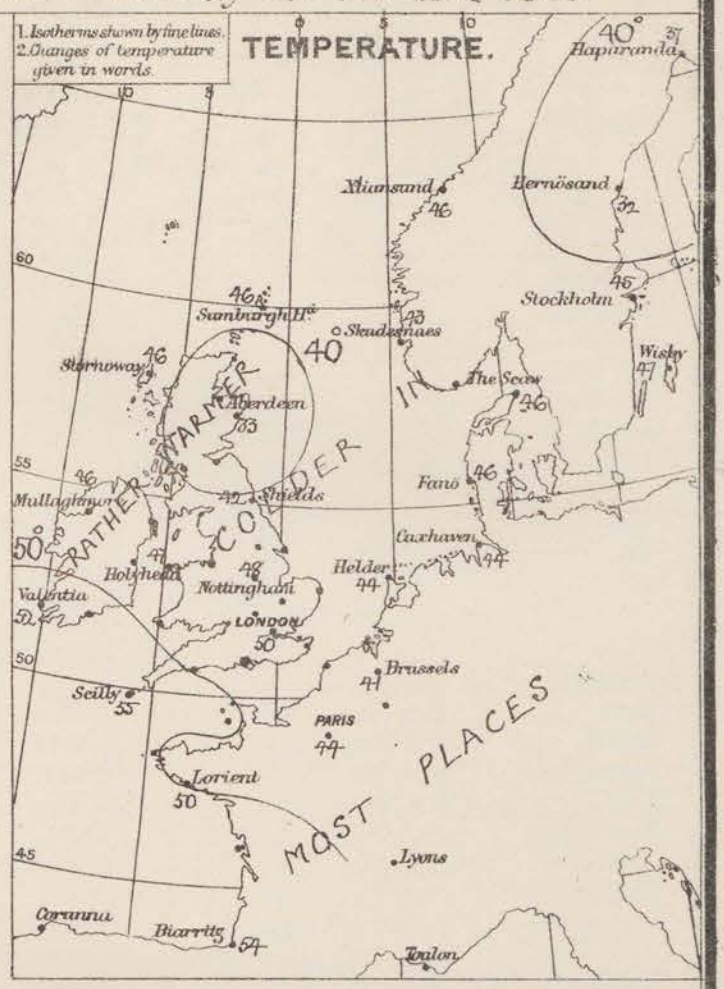
* AN ASTERISK is inserted in all places for which information is not usually received.

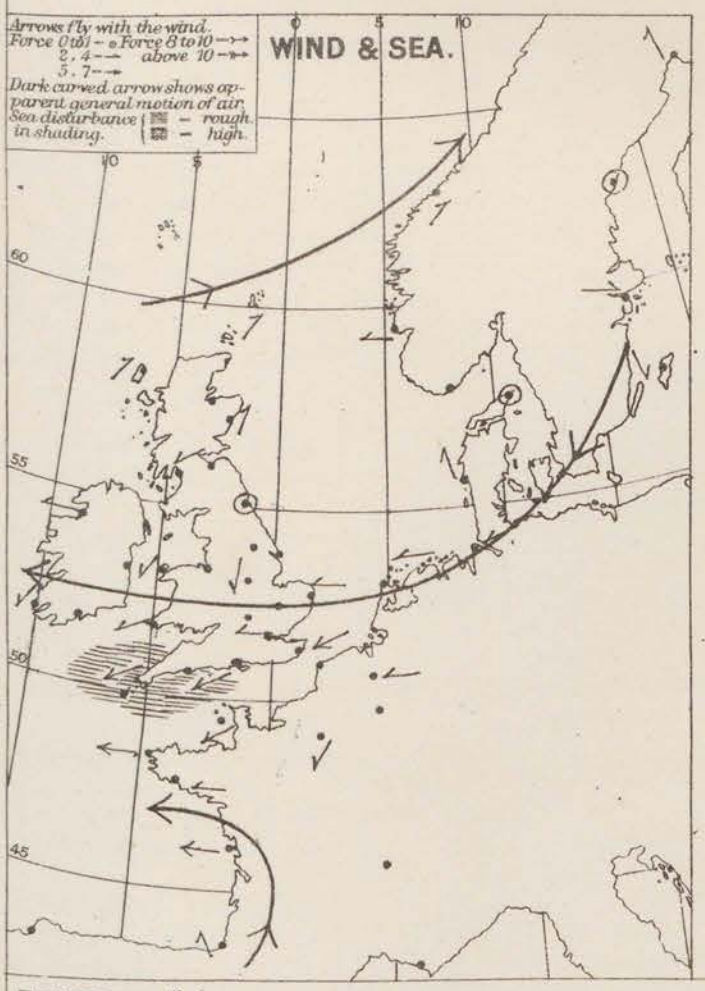
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

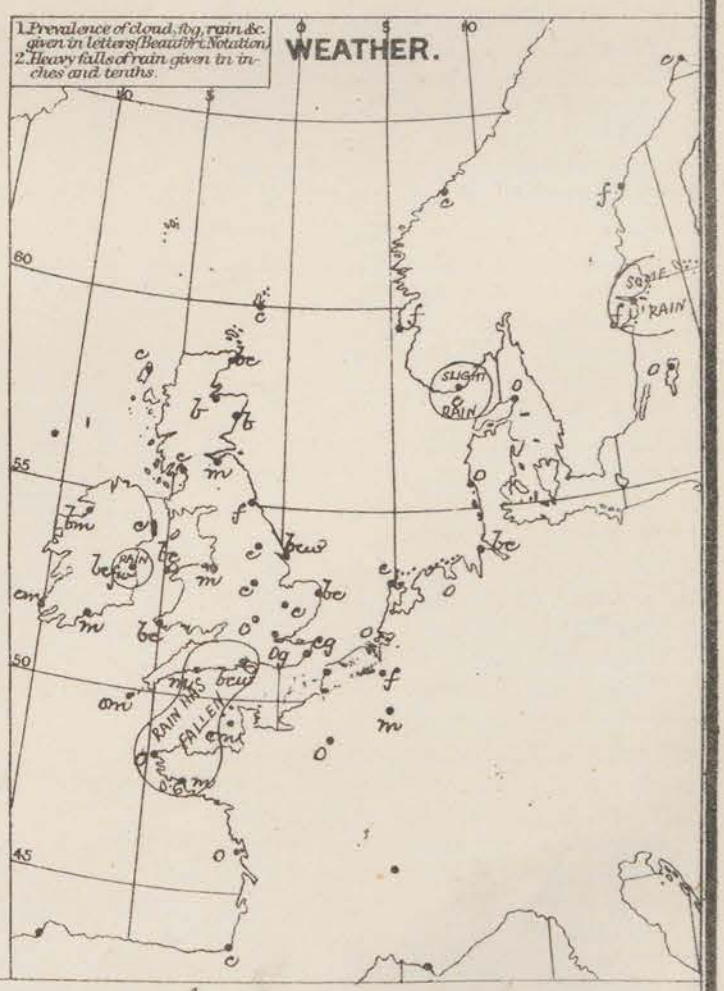
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Tuesday 28th October 1879.




**REMARKS.** Weather is fine and bright in some parts of Scotland and the N. of Ireland, but is generally cloudy or dull, with a great deal of mist or fog. No rain is falling this morning, and the only amounts measured within the British Isles during the past 24 hours are a few hundredths in the E. of Ireland and SW. of England. Temperature has risen a little in Scotland and S. Ireland, fallen in nearly all other places, and readings range from 31° at Nairn to 55° at Scilly. The maxima yesterday were generally between 50° and 55°, but were rather higher in the S. of England, while at Nairn the highest reading was only 42° and at Stornoway 47°. Wind is E. over England, Ireland and France, but is SW. in the N. of Scotland. Over the Channel and W. of France it blows strongly, but is light or moderate elsewhere. Sea is rough at the mouth of the Channel, moderate to smooth in all other places.

Barometrical Indications. Pressure is going up somewhat over Scotland, and also in the S. of France, increasing elsewhere. A large area of high readings lies over the E. of England, the North Sea and S. of Scandinavia.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Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith. 22. Bedford St. Covent Garden

# DAILY WEATHER REPORT Oct^r 29^th 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.87 | 39 | SE | 2 | b | 29.74 | − .25 | 40 | 39 | + 3 | SW | 4 | o | * | ? | 36 | 0.05 |
| Hernösand ... | 30.12 | 35 | S | 2 | o | 29.94 | − .30 | 36 | 35 | + 4 | S | 2 | c | * | 41 | 28 | — |
| Stockholm ... | 30.26 | 45 | E | 2 | o | ? 30.14 | − .18 | 42 | 41 | − .3 | WSW | 2 | o | * | 46 | ? | — |
| Wisby ... ... | 30.24 | 47 | SW | 4 | o | 30.15 | − .12 | 44 | 42 | − 3 | W | 6 | bc | * | 50 | 41 | — |
| Christiansund... | 29.97 | 45 | SW | 7 | c | 30.01 | − .12 | 40 | 38 | − 6 | WSW | 4 | r | 6 | 48 | 34 | 0.25 |
| Skudesnaes ... | 30.24 | 46 | WSW | 4 | o | 30.13 | − .18 | 48 | 46 | + 5 | WSW | 4 | o | 3 | 48 | 43 | 0.08 |
| Oxö (Xtiansund) ... | 30.27 | 48 | WSW | 4 | o | 30.19 | − .13 | 46 | 44 | + 1 | WSW | 2 | o | 2 | 48 | 41 | — |
| Skagen (The Skaw) | 30.29 | 46 | WSW | 2 | c | 30.20 | − .13 | 43 | 42 | − 3 | WSW | 3 | c | 2 | 50 | 37 | — |
| Fanö ... ... | 30.31 | 41 | SW | 1 | c | 30.26 | − .07 | 45 | 44 | − 1 | SSW | 1 | c | * | 50 | 39 | — |
| Cuxhaven ... | 30.38 | 49 | ENE | 1 | b | 30.27 | − .08 | 47 | 47 | + 3 | NE | 1 | r | * | ? | 39 | 0.01 |
| Sumburgh Head | 30.10 | 49 | WSW | 4 | b | 30.23 | + .05 | 44 | 42 | − 2 | NW | 3 | b | 3 | 50 | 41 | 0.05 |
| Stornoway ... | 30.12 | 48 | SW | 5 | o | 30.29 | + .12 | 42 | 40 | − 4 | N | 3 | c | 3 | 50 | 39 | 0.05 |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.16 | 48 | SW | 1 | o | 30.31 | + .09 | 42 | 41 | + 7 | NW | 1 | o | 0 | 49 | 33 | 0.07 |
| Nairn ... ... | 30.19 | 47 | SW | 1 | b | 30.31 | + .06 | 45 | 44 | + 13 | SW | 1 | o | 1 | 50 | 32 | 0.04 |
| Aberdeen ... | 30.21 | 43 | Z | 0 | b | 30.29 | .00 | 47 | 46 | + 14 | NNW | 2 | bc | c | 52 | 33 | 0.03 |
| Leith ... ... | 30.28 | 45 | WNW | 2 | b | 30.28 | − .05 | 47 | 46 | + 13 | WSW | 2 | cm | * | 50 | 31 | — |
| Shields ... ... | 30.30 | 47 | S | 1 | b | 30.29 | − .05 | 41 | 40 | − 1 | NW | 2 | c | 2 | 50 | 36 | — |
| Spurn Head ... | 30.28 | 50 | NNE | 1 | bc | 30.25 | − .07 | 48 | 47 | + 1 | N | 2 | bc | 2 | 53 | 45 | — |
| York ... ... | 30.30 | 47 | ESE | 1 | c | 30.31 | + .05 | 34 | 34 | − 6 | NNE | 1 | b | * | 51 | 30 | — |
| Nottingham ... | 30.29 | 46 | N | 3 | o | 30.28 | − .06 | 43 | 42 | − 5 | N | 2 | c | * | 52 | 42 | — |
| Ardrossan ... | 30.30 | 49 | SSW | 1 | o | 30.29 | − .02 | 45 | 44 | + 6 | Z | o | cf | o | 50 | 38 | — |
| Mullaghmore ... | 30.28 | 49 | NNE | 1 | m | 30.31 | + .05 | 44 | 44 | − 2 | Z | o | m | 1 | 53 | 44 | — |
| Donaghadee ... | 30.32 | 48 | SSE | 2 | o | 30.32 | + .01 | 43 | 43 | − 7 | W | 2 | c | 1 | 52 | 39 | — |
| Kingstown ... | 30.28 | 50 | WNW | 4 | o | 30.30 | + .04 | 51 | 48 | + 4 | NE | 4 | o | 4 | 54 | 45 | 0.01 |
| Holyhead ... | 30.23 | 50 | Z | 0 | b | 30.27 | + .04 | 46 | 45 | − 1 | ENE | 3 | bw | 3 | 57 | 45 | — |
| Liverpool (Bidston) | 30.28 | 46 | SE | 1 | b | 30.30 | .00 | 37 | 37 | − 11 | E | 1 | f | 1 | 53 | 37 | — |
| Valentia ... ... | 30.22 | 51 | E | 2 | b | 30.25 | + .06 | 46 | 44 | − 6 | NNE | 3 | b | 3 | 60 | 43 | — |
| Roche's Point... | 30.24 | 53 | E | 5 | b | 30.23 | + .04 | 49 | 48 | − 4 | NE | 3 | m | 4 | 56 | 46 | — |
| Pembroke ... | 30.20 | 50 | E | 1 | c | 30.20 | .00 | 45 | 44 | − 4 | NE | 2 | bo | 2 | 54 | 44 | — |
| Scilly ... ... | 30.10 | 54 | E | 7 | c | 30.01 | − .03 | 50 | 47 | − 5 | ENE | 5 | o | 4 | 56 | 41 | — |
| Prawle Point ... | 30.13 | 51 | ENE | 6 | m | 30.10 | + .03 | 48 | 46 | − 2 | ENE | 6 | m | 5 | 52 | 47 | — |
| Hurst Castle ... | 30.19 | 50 | E | 5 | c | 30.15 | − .05 | 48 | 47 | − 1 | E | 4 | o | 4 | 52 | 47 | — |
| Dover ... ... | 30.11 | 49 | E | 5 | o | 30.16 | − .19 | 47 | 45 | − 3 | NE | 5 | og | 4 | 52 | 46 | — |
| London ... ... | 30.26 | 49 | E | 3 | og | 30.19 | − .07 | 46 | 45 | − 4 | ENE | 4 | od | * | 52 | 46 | — |
| Oxford ... ... | 30.25 | 47 | E | 1 | bc | 30.22 | − .05 | 46 | 45 | − 1 | ENE | 2 | o | * | 54 | 45 | — |
| Cambridge ... | 30.34 | 47 | E | 1 | o | 30.22 | − .08 | 46 | 46 | + 4 | NE | 1 | r | * | 56 | 41 | 0.01 |
| Yarmouth ... | 30.26 | 48 | E | 3 | bc | 30.23 | − .07 | 48 | 47 | − 2 | ENE | 5 | og | 4 | 53 | 45 | — |
| The Helder ... | * | * | * | * | * | 30.22 | − .08 | 46 | 45 | + 2 | ENE | 3 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.08 | 51 | ENE | 7 | c | 30.04 | − .03 | 48 | 47 | − 4 | ENE | 7 | cm | 5 | 56 | 47 | — |
| Brest ... ... | 29.97 | 53 | ENE | 5 | o | 29.94 | − .06 | 50 | 49 | o | E | ? 11 | o | 4 | 59 | 50 | — |
| Lorient ... ... | 29.92 | 57 | E | 7 | m | 29.90 | − .05 | 48 | 44 | − 2 | E | 7 | c | 4 | 59 | 43 | — |
| Rochefort ... | 29.87 | 60 | ESE | 7 | o | 29.76 | − .12 | 53 | 50 | − 1 | E | 8 | o | 2 | 66 | 48 | — |
| Biarritz ... ... | 29.77 | 56 | SE | 4 | o | 29.72 | − .04 | 58 | 52 | + 4 | S | 4 | c | 2 | 63 | 52 | 0.35 |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.25 | − .11 | 47 | 42 | + 2 | E | 3 | o | * | 44 | 41 | — |
| Charleville ... | ? | 42 | E | 1 | o | ? | ? | 42 | 40 | + 2 | E | 1 | o | * | 46 | 39 | — |
| Paris ... ... | 30.14 | 45 | ? | 5 | b | 30.10 | − .08 | 41 | 39 | − 3 | NE | 4 | f | * | * | * | — |
| Lyons ... ... | 30.10 | 46 | NNE | 1 | o | 30.06 | − .13 | 43 | 42 | − 2 | E | 1 | o | * | 52 | 42 | — |
| Toulon ... ... | 30.08 | 59 | E | 7 | bc | 30.00 | − .12 | 59 | 55 | + 3 | E | 6 | b | 7 | 63 | 54 | — |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.25 | 48 | 46 | SSW | 3 | o | 2 | Valentia ... | 30.21 | 60 | 55 | ENE | 2 | bcm | 2 |
| Sumburgh Head | 30.12 | 48 | 45 | WSW | 4 | o | 3 | Scilly ... ... | 30.10 | 55 | 53 | E | 7 | c | 6 |
| Stornoway ... | 30.14 | 50 | 47 | SW | 4 | cm | 3 | Dover ... ... | 30.22 | 51 | 48 | ENE | 5 | o | 3 |
| Aberdeen ... | 30.23 | 49 | 45 | SW | 1 | b | 0 | London ... | 30.25 | 52 | 51 | E | 2 | o | 2 |
| Shields ... ... | 30.31 | 50 | 47 | S | 2 | m | 2 | Yarmouth ... | 30.29 | 51 | 49 | E | 4 | bc | 3 |
| Ardrossan ... | 30.30 | 49 | 46 | SSW | 1 | cm | 0 | Jersey... ... | 30.08 | 53 | 51 | ENE | 6 | cm | 4 |
| Mullaghmore ... | 30.29 | 51 | 50 | NNW | 3 | cm | 2 | Rochefort ... | ? 29.80 | 60 | 61 | ? E | 7 | o | ? |
| Holyhead... ... | 30.25 | 55 | 53 | WSW | 3 | b | 2 | | | | | | | | |

Pressure has given way a little in the NE of Scotland, but is changing very slightly elsewhere. An area of high readings lies over the North Sea and N. of England, so that W^ly breezes prevail over Scotland and E^ly winds over Ireland and England.

### EXPLANATION OF COLUMNS.

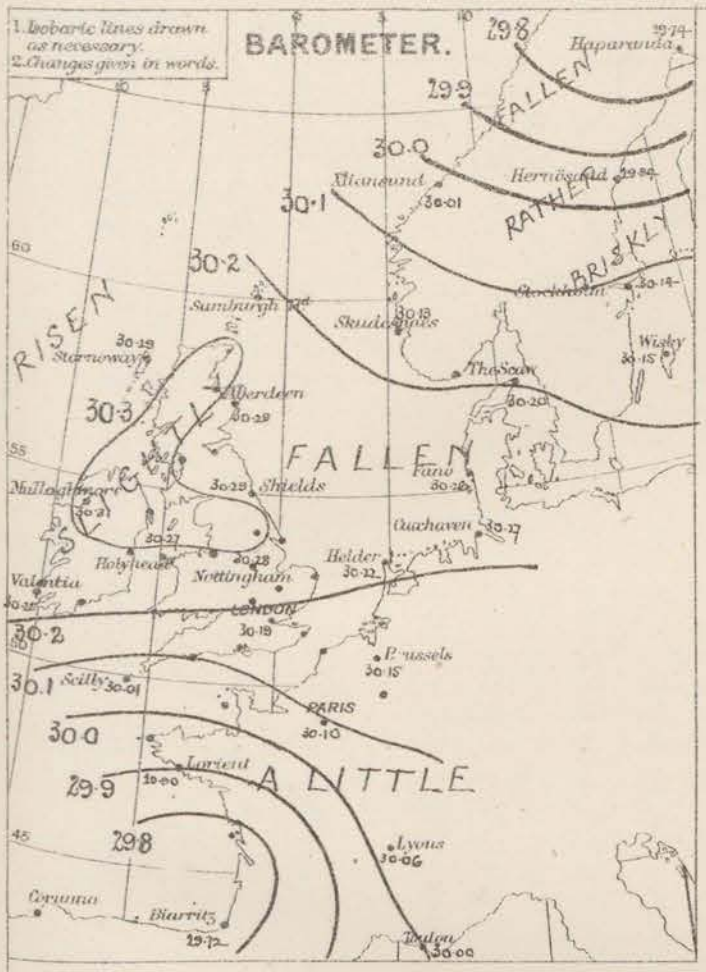
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

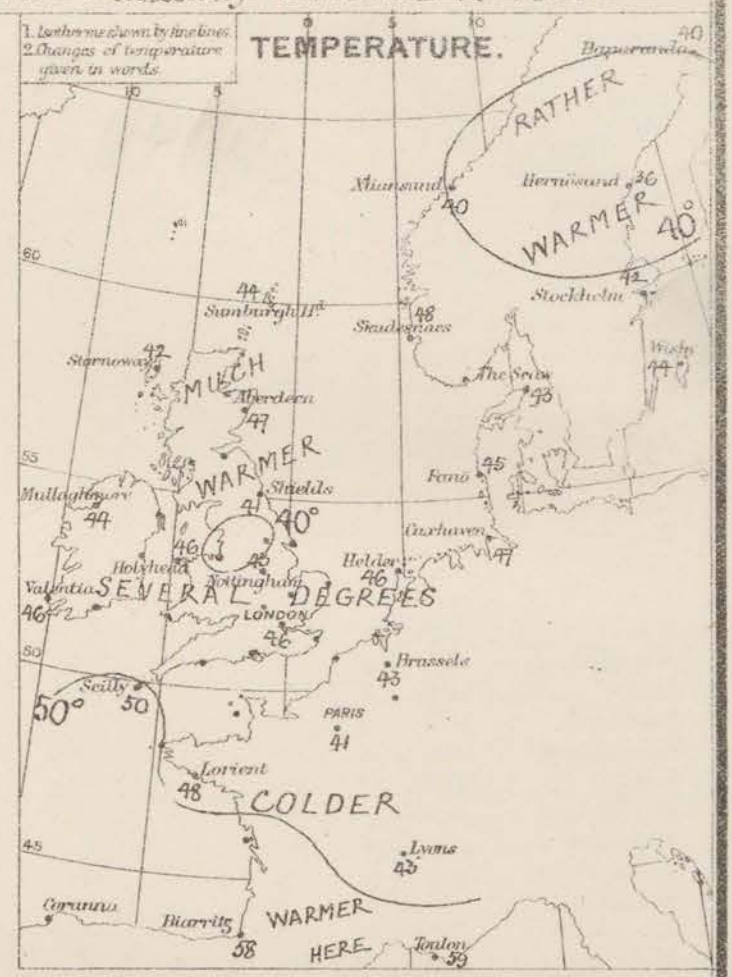
* AN ASTERISK is inserted in all places for which information is not usually received.

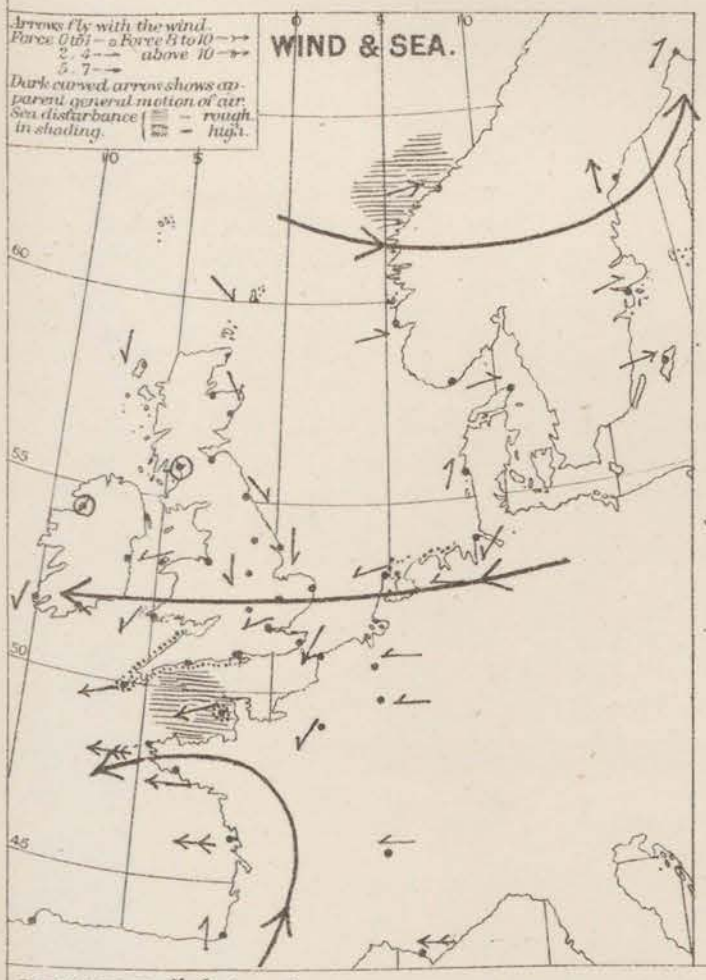
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

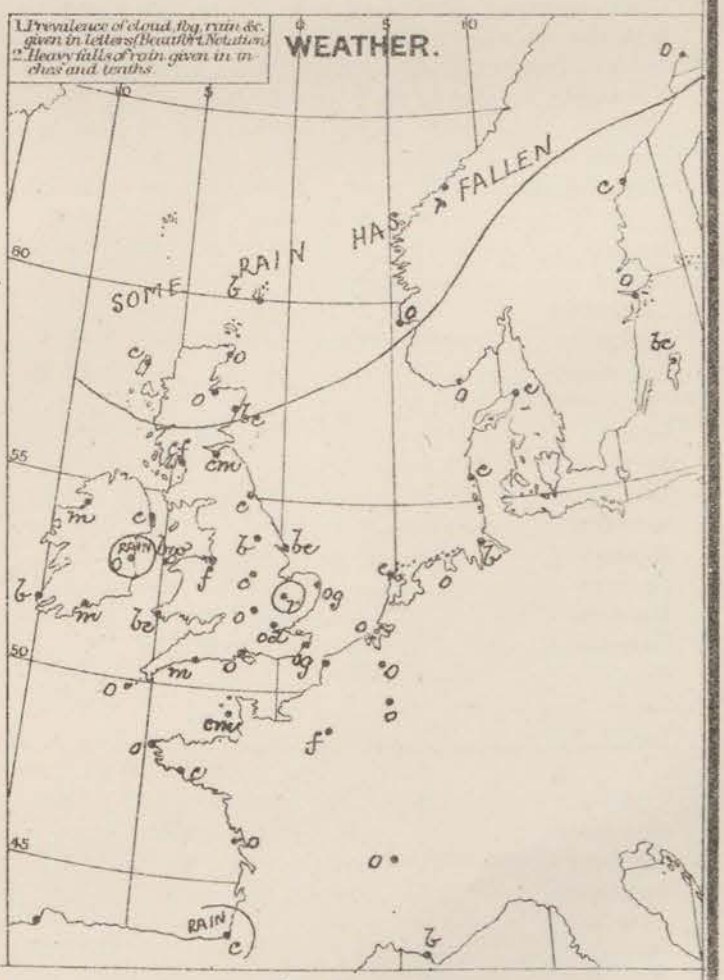
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Wednesday 29. OCTOBER. 1879.*




A dotted wind is drawn where the figures are now up.

**REMARKS.** Weather this morning is cloudy or dull in nearly all parts of W^n Europe and mist, drizzling rain or fog prevails at many of our stations. Slight rain has fallen in Scotland, and 0·4 in. at Biarritz, but elsewhere the weather has been dry. Lunar halos were seen at Aberdeen and Mullaghmore last evening. Temperature has risen fast in E. Scotland, but fallen in nearly all other districts, the decrease being considerable over N^n England. Readings range from 34° at York to 50° at Scilly. The maximum yesterday at Valentia was 60°, at Holyhead 57°, and at Cork and Scilly 56°, but elsewhere the highest readings varied between 50° and 55°. Wind is N^ly over Scandinavia, light and variable over the N^n parts of the United Kingdom, and E^ly in the S and over France. Across the Channel the wind blows strongly, and in the W. of France with the force of a fresh to hard gale. Sea rough at Prawle Point and Jersey, moderate to smooth elsewhere. Barometrical Indications. Pressure is increasing a little in the N of Scotland, decreasing slowly elsewhere. An area of high pressure (30·3 ins) lies over our N^n coasts, while the reading of the barometer at Biarritz is 29·72 ins: and that at Haparanda 29·74 ins. The N. Cone was hoisted in the SW. of England yesterday.

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Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

DANGERFIELD LITH. 22, BEDFORD S^T COVENT GARDEN

# DAILY WEATHER REPORT 30th Octr 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29·74 | 31 | W | 2 | b | 29·80 | + ·06 | 27 | 27 | − 13 | NW | 2 | o | * | ? | 23 | — |
| Hernösand ... | 29·99 | 34 | Z | o | b | 29·96 | + ·02 | 34 | 31 | − 2 | SW | 2 | bc | * | 41 | 28 | — |
| Stockholm ... | 30·03 | 42 | W | 2 | o | 30·08 | − ·06 | 44 | 42 | + 2 | W | 2 | o | * | 46 | 41 | — |
| Wisby ... ... | 30·01 | 47 | WNW | 6 | r | 30·03 | − ·12 | 44 | 41 | o | NNE | 4 | c | * | 48 | 39 | 0·04 |
| Christiansund... | 30·15 | 41 | WNW | 6 | c | 30·15 | + ·14 | 39 | 34 | − 1 | NW | 9 | c | 6 | 45 | 32 | 0·20 |
| Skudesnaes ... | 30·26 | 48 | N | 2 | b | 30·29 | + ·16 | 45 | 44 | − 3 | WNW | 5 | r | 4 | 48 | 48 | — |
| Oxö (Christiansund) ... | 30·12 | 45 | WNW | 2 | b | 30·23 | + ·04 | 42 | 37 | − 4 | NW | 2 | c | 1 | 48 | 39 | — |
| Skagen (The Skaw) | 30·13 | 47 | W | 2 | b | 30·17 | − ·03 | 45 | 42 | + 2 | N | 3 | b | 3 | 50 | 37 | — |
| Fanö ... ... | 30·23 | 48 | WSW | 1 | o | 30·24 | − ·02 | 43 | 42 | − 2 | W | 1 | b | * | 50 | 41 | — |
| Cuxhaven ... | 30·28 | 48 | NE | 2 | b | 30·28 | + ·01 | 46 | 45 | − 1 | W | 1 | b | * | ? | 43 | — |
| Sumburgh Head | 30·30 | 45 | W | 3 | c | 30·33 | + ·10 | 45 | 43 | + 1 | NW | 3 | c | 3 | 49 | 43 | 0·03 |
| Stornoway ... | 30·36 | 46 | N | 1 | o | 30·39 | + ·10 | 43 | 41 | + 1 | Z | o | c | o | 48 | 40 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30·28 | 41 | N | 1 | o | 30·40 | + ·09 | 42 | 41 | o | W | 1 | f | o | 50 | 39 | — |
| Nairn ... ... | 30·37 | 45 | Z | o | bc | 30·42 | + ·11 | 37 | 35 | − 8 | SW | 1 | c | o | 49 | 35 | — |
| Aberdeen ... | 30·38 | 47 | N | 1 | o | 30·43 | + ·14 | 41 | 39 | − 6 | Z | o | o | 1 | 49 | 40 | — |
| Leith ... ... | 30·37 | 48 | E | 4 | o | 30·42 | + ·14 | 46 | 44 | − 1 | ENE | 2 | o | * | 51 | 43 | — |
| Shields ... ... | 30·34 | 49 | NE | 3 | r | 30·41 | + ·12 | 47 | 43 | + 6 | ENE | 1 | b | 2 | 51 | 39 | 0·01 |
| Spurn Head ... | 30·27 | 49 | N | 4 | c | 30·33 | + ·08 | 48 | 49 | o | NNE | 5 | o | 5 | 52 | 46 | 0·01 |
| York ... ... | 30·31 | 48 | NE | 2 | o | 30·39 | + ·08 | 47 | 45 | + 13 | ENE | 2 | o | * | 52 | 34 | 0·01 |
| Nottingham ... | 30·28 | 46 | NNE | 3 | b | 30·33 | + ·05 | 47 | 45 | + 4 | NNE | 3 | ofd | * | 50 | 42 | — |
| Ardrossan ... | 30·34 | 48 | ENE | 2 | o | 30·42 | + ·13 | 44 | 42 | − 1 | ENE | 3 | om | 2 | 54 | 43 | — |
| Mullaghmore ... | 30·32 | 51 | N | 4 | o | 30·34 | + ·03 | 49 | 48 | + 5 | E | 4 | og | 2 | 52 | 44 | — |
| Donaghadee ... | 30·34 | 49 | NE | 4 | bc | 30·40 | + ·08 | 47 | 44 | + 4 | NE | 5 | bc | 4 | 53 | 42 | — |
| Kingstown ... | 30·30 | 50 | N | 4 | bc | 30·33 | + ·03 | 51 | 49 | o | E | 5 | o | 5 | 52 | 48 | — |
| Holyhead ... | 30·26 | 48 | NNE | 2 | o | 30·31 | + ·04 | 48 | 47 | + 2 | E | 4 | o | 3 | 53 | 46 | — |
| Liverpool (Bidston) | 30·28 | 47 | ENE | 2 | m | 30·34 | + ·04 | 46 | 45 | + 9 | NE | 2 | m | 1 | 48 | 37 | — |
| Valentia ... .. | 30·22 | 50 | NNE | 5 | b | 30·26 | + ·01 | 47 | 45 | + 1 | NE | 2 | cm | 3 | 56 | 43 | — |
| Roche's Point... | 30·21 | 49 | NE | 3 | m | 30·25 | + ·02 | 50 | 48 | + 1 | ENE | 3 | m | 4 | 55 | 47 | — |
| Pembroke ... | 30·19 | 48 | E | 5 | bc | 30·24 | + ·04 | 48 | 46 | + 3 | NE | 3 | c | 2 | 51 | 45 | — |
| Scilly ... ... | 30·08 | 50 | ENE | 6 | o | 30·09 | + ·08 | 52 | 49 | + 2 | ENE | 7 | o | 5 | 52 | 47 | — |
| Prawle Point ... | 30·08 | 47 | NE | 6 | m | 30·12 | + ·02 | 49 | 49 | + 1 | ENE | 7 | m | 6 | 50 | 46 | — |
| Hurst Castle ... | 30·13 | 49 | ENE | 4 | m | 30·20 | + ·05 | 50 | 49 | + 2 | E | 4 | m | 4 | 50 | 48 | — |
| Dover ... ... | 30·14 | 47 | E | 5 | o | ? 30·25 | + ·09 | 49 | 47 | + 2 | E | 5 | og | 4 | 49 | 46 | — |
| London ... ... | 30·19 | 47 | ENE | 4 | ogd | 30·22 | + ·03 | 49 | 46 | + 3 | E | 4 | o | * | 49 | 46 | 0·02 |
| Oxford ... ... | 30·21 | 49 | E | 2 | bc | 30·26 | + ·04 | 48 | 45 | + 2 | E | 2 | o | * | 49 | 44 | — |
| Cambridge | 30·23 | 48 | NE | 2 | o | 30·30 | + ·08 | 48 | 46 | + 2 | NE | 1 | o | * | 50 | 45 | — |
| Yarmouth ... | 30·22 | 49 | ENE | 4 | c | 30·28 | + ·05 | 51 | 49 | + 3 | ENE | 4 | c | 4 | 51 | 46 | — |
| The Helder ... | * | * | * | * | * | 30·27 | + ·05 | 48 | 45 | + 2 | E | 1 | c | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30·03 | 48 | ENE | 7 | o | 30·11 | + ·07 | 49 | 47 | + 1 | ENE | 7 | om | 5 | 49 | 44 | — |
| Brest ... ... | 29·91 | 49 | E | 7 | bc | 30·01 | + ·07 | 46 | 45 | − 4 | E | 4 | o | 3 | 50 | 43 | — |
| Lorient ... ... | 29·90 | 46 | ESE | 7 | m | 29·97 | + ·07 | 46 | 45 | − 2 | E | 7 | m | 4 | 50 | 43 | — |
| Rochefort ... | 29·88 | 54 | ENE | 5 | bc | 29·92 | + ·16 | 53 | 52 | o | E | 7 | bc | 2 | 64 | 46 | 0·32 |
| Biarritz ... ... | 29·76 | 60 | SW | 3 | bc | 29·81 | + ·09 | 55 | 50 | − 3 | SSW | 4 | c | 2 | 66 | 48 | — |
| Coruna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30·20 | − ·05 | 43 | 42 | o | NE | 3 | r | * | 47 | 43 | — |
| Charleville ... | ? | 47 | ESE | 4 | b | ? | ? | 46 | 41 | + 4 | ESE | 7 | o | * | 48 | 42 | — |
| Paris ... ... | 30·07 | 44 | ? | 1 | c | 30·14 | + ·04 | 48 | 45 | + 7 | NE | 4 | f | * | * | * | — |
| Lyons ... ... | 30·07 | 43 | SSE | 1 | o | 30·08 | + ·02 | 42 | 42 | − 1 | NE | 1 | f | * | 47 | 41 | — |
| Toulon ... ... | | | | | | | | | | | | | | | | | |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30·19 | 46 | 41 | NNW | 6 | c | 3 | Valentia ... | 30·24 | 54 | 50 | NNE | 3 | bm | 4 |
| Sumburgh Head | 30·29 | 48 | 44 | W | 3 | bc | 3 | Scilly ... ... | 30·09 | 51 | 48 | NE | 5 | o | 5 |
| Stornoway ... | 30·34 | 48 | 44 | NE | 1 | c | 1 | Dover ... ... | 30·14 | 48 | 46 | E | 5 | og | 4 |
| Aberdeen ... | 30·34 | 49 | 45 | N | 2 | c | 1 | London ... | 30·17 | 49 | 48 | NE | 3 | ogd | * |
| Shields ... ... | 30·31 | 51 | 48 | NE | 2 | c | 2 | Yarmouth ... | 30·22 | 49 | 48 | ENE | 5 | og | 4 |
| Ardrossan ... | 30·30 | 53 | 51 | NW | 3 | c | 2 | Jersey ... | 30·03 | 49 | 47 | ENE | 7 | om | 3 |
| Mullaghmore ... | 30·32 | 52 | 50 | NNW | 1 | om | 1 | Rochefort ... | 29·78 | 54 | 52 | E | 7 | r | 2 |
| Holyhead ... ... | 30·26 | 51 | 49 | NNE | 4 | o | 3 | | | | | | | | |

Pressure is not changing much, but is inclined to increase in the N. and decrease in the S. Wind is NE to N. on all coasts, and temperature is uniform and low, ranging from 48° at Dover and in N. Scotland to 54° at Valentia.

### EXPLANATION OF COLUMNS.

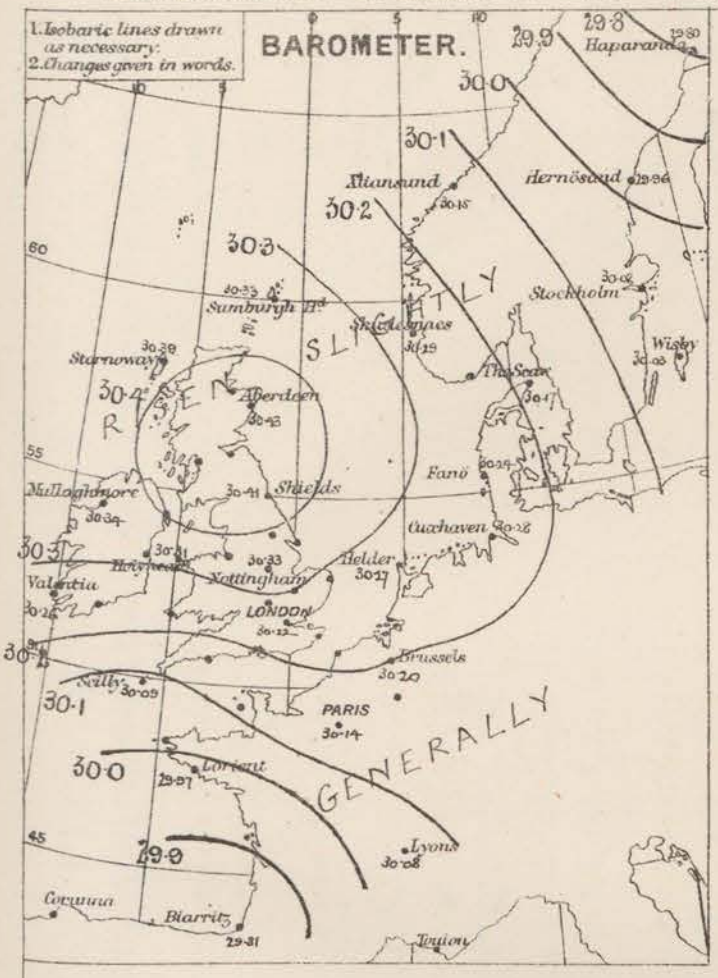
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

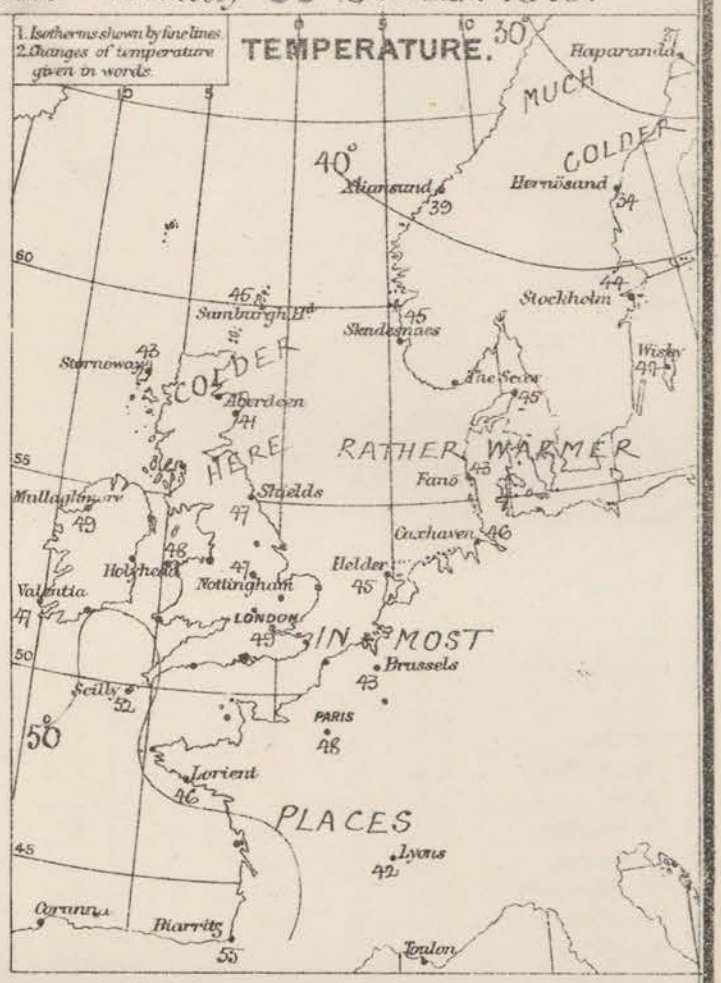
* AN ASTERISK is inserted in all places for which information is not usually received.

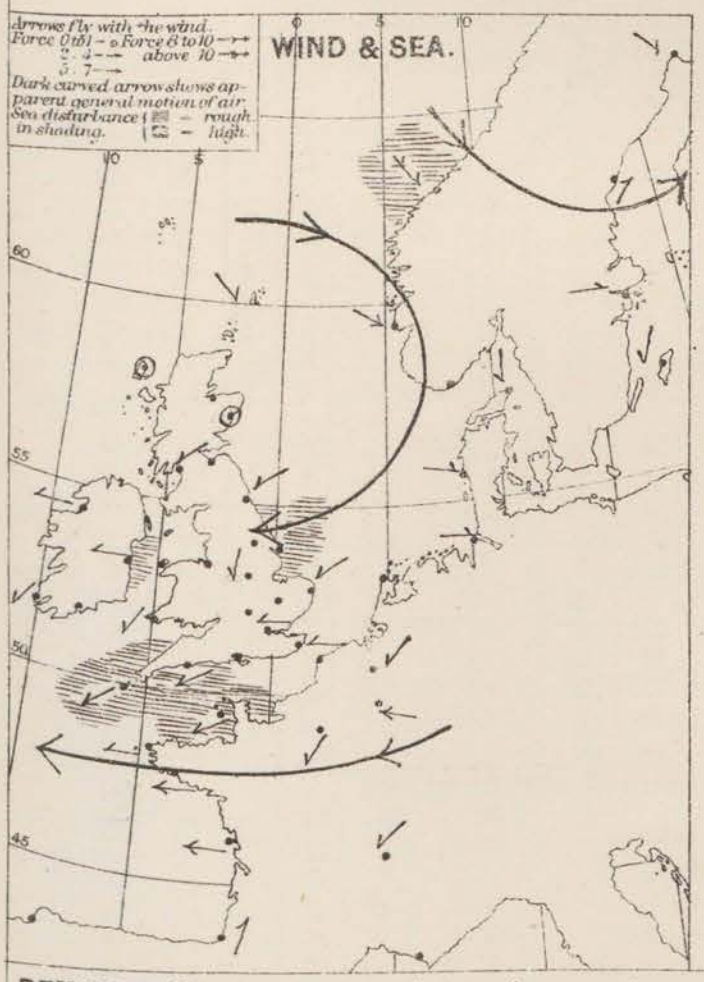
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

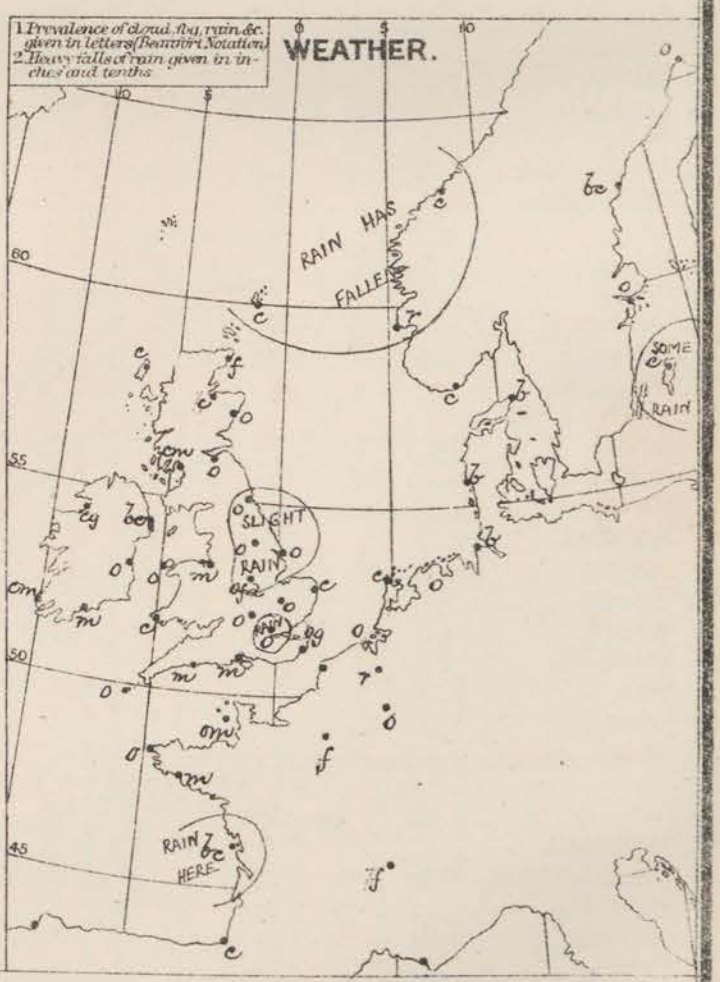
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS for 8 a.m. on Thursday 30th October 1879.




**REMARKS.** Weather is fine over Denmark and N. Germany, but is more or less cloudy or dull in all other parts of W^n Europe, with mist or fog at several of our stations, and rain at Skudesnaes. Slight drizzling rain has fallen in London, and on the NE. coast, but elsewhere the weather has been dry. Temperature has fallen in the E of Scotland, and in many parts of Scandinavia, risen in most other districts. Over these Islands readings range from 37° at Nairn to 52° at Scilly, over Scandinavia they range from 27° at Haparanda to 45° at Skudesnaes, while in France they range from 42° at Lorgos to 55° at Biarritz. Wind is light and variable in the N. of Scotland, E^ly to NE^ly over England, Ireland and France, and NN^W to SW over Scandinavia. Over the Channel and W of France the wind is strong, and at Christiansund a hard gale is blowing. In most other places it is moderate to fresh. Sea is rough at Christiansund, and still rather rough in the W^n half of the Channel, moderate to slight elsewhere.

Barometrical Indications. Pressure is increasing slowly in nearly all parts of our area. The general distribution is not dissimilar to that of yesterday, an area of high pressure lying over the N^n part of the Kingdom, with low readings over the N. of Sweden and SW. of France.

Subscription for these — in advance — or over delivery. | Delivery by hand 10/ per quarter. Book post 6. " "

Meteorological Office, 116, Victoria Street, Westminster, S.W.

R. H. SCOTT, Secretary.

Darlington & Co. 27 Bedford St. Covent Garden

# DAILY WEATHER REPORT 31st OCTOBER 1879.

| STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Haparanda ... | 29.97 | 17 | N | 2 | b | 30.02 | + .22 | 18 | 18 | − 9 | W | 2 | b | * | 27 | 12 | — |
| Hernösand ... | 30.15 | 28 | NW | 4 | b | 30.22 | + .26 | 22 | 21 | − 2 | W | 2 | b | * | 39 | ? | — |
| Stockholm ... | 30.18 | 33 | NNW | 4 | b | 30.36 | + .28 | 26 | 24 | − 18 | NW | 2 | b | * | ? | ? | — |
| Wisby ... ... | 30.01 | 43 | N | 8 | b | 30.23 | + .20 | 35 | 31 | − 9 | N | 6 | bc | * | 46 | ? | — |
| Christiansund... | 30.23 | 34 | W | 4 | s | 29.97 | − .16 | 36 | 33 | − 3 | SW | 4 | o | 4 | 39 | 27 | 0.24 |
| Skudesnaes ... | 30.34 | 40 | NNW | 4 | c | 30.29 | .00 | 39 | 37 | − 6 | SSE | 2 | c | 2 | 45 | 39 | — |
| Oxö (Xtiansund) ... | 30.26 | 46 | NW | 2 | c | 30.34 | + .11 | 41 | 38 | − 1 | ENE | 4 | c | 2 | 48 | 39 | — |
| Skagen (The Skaw) | 30.23 | 48 | NNE | 3 | c | 30.35 | + .18 | 39 | 35 | − 6 | ESE | 4 | c | 2 | 48 | 34 | — |
| Fanö ... ... | 30.30 | 42 | W | 1 | b | 30.28 | + .04 | 39 | 39 | − 4 | Z | 0 | b | * | 50 | 37 | — |
| Cuxhaven ... | 30.33 | 49 | N | 1 | b | 30.32 | + .04 | 41 | 40 | − 5 | Z | 0 | b | * | ? | 39 | — |
| Sumburgh Head | 30.37 | 44 | NNE | 2 | o | 30.19 | − .14 | 44 | 43 | − 1 | WSW | 3 | o | 3 | 49 | 43 | 0.08 |
| Stornoway ... | 30.38 | 45 | Z | 0 | c | 30.25 | − .14 | 46 | 45 | + 3 | W | 4 | o | 3 | 48 | 40 | — |
| Thurso ... ... | | | | | | | | | | | | | | | | | |
| Wick ... ... | 30.40 | 44 | NW | 1 | o | 30.27 | − .13 | 42 | 40 | 0 | SW | 1 | o | 0 | 47 | 37 | — |
| Nairn ... ... | 30.41 | 35 | Z | 0 | b | 30.31 | − .11 | 41 | 40 | + 4 | SW | 1 | c | 1 | 46 | 33 | — |
| Aberdeen ... | 30.43 | 45 | Z | 0 | 0 | 30.33 | − .10 | 36 | 34 | − 5 | WSW | 1 | b | 0 | 48 | 34 | — |
| Leith ... ... | 30.43 | 47 | E | 2 | o | 30.38 | − .04 | 44 | 41 | − 2 | SW | 1 | o | * | 48 | 41 | — |
| Shields ... ... | 30.40 | 48 | E | 2 | o | 30.36 | − .05 | 47 | 43 | 0 | E | 1 | o | 2 | 50 | 37 | — |
| Spurn Head ... | 30.34 | 49 | NNE | 4 | c | 30.28 | − .05 | 49 | 45 | + 1 | NE | 4 | o | 5 | 50 | 47 | — |
| York ... ... | 30.39 | 46 | E | 1 | o | 30.34 | − .05 | 46 | 44 | − 1 | ENE | 1 | o | * | 50 | 46 | — |
| Nottingham ... | 30.34 | 47 | NNE | 3 | o | 30.29 | − .04 | 47 | 45 | 0 | NNE | 2 | c | * | 48 | 44 | 0.02 |
| Ardrossan ... | 30.40 | 44 | ENE | 2 | o | 30.37 | − .05 | 42 | 40 | − 2 | ENE | 2 | o | 1 | 47 | 41 | — |
| Mullaghmore ... | 30.35 | 47 | E | 5 | c | 30.33 | − .01 | 47 | 46 | − 2 | E | 4 | o | 2 | 50 | 45 | — |
| Donaghadee ... | 30.40 | 49 | ESE | 4 | c | 30.37 | − .03 | 46 | 41 | − 1 | E | 3 | c | 2 | 49 | 45 | — |
| Kingstown ... | 30.33 | 50 | E | 5 | o | 30.30 | − .03 | 49 | 45 | − 2 | E | 4 | o | 4 | 51 | 47 | — |
| Holyhead ... | 30.32 | 48 | E | 4 | m | 30.29 | − .02 | 45 | 44 | − 3 | E | 3 | o | 2 | 50 | 44 | — |
| Liverpool (Bidston) | 30.34 | 47 | ENE | 4 | m | 30.32 | − .02 | 44 | 43 | − 2 | ENE | 1 | m | 1 | 48 | 44 | — |
| Valentia ... ... | 30.26 | 51 | E | 3 | o | 30.24 | − .02 | 51 | 47 | + 4 | E | 4 | m | 4 | 53 | 47 | — |
| Roche's Point... | 30.24 | 48 | ESE | 5 | m | 30.22 | − .03 | 49 | 47 | − 1 | ENE | 3 | o | 4 | 53 | 48 | — |
| Pembroke ... | 30.24 | 50 | ENE | 2 | c | 30.22 | − .02 | 47 | 46 | − 1 | NE | 4 | c | 2 | 50 | 47 | — |
| Scilly ... ... | 30.09 | 54 | E | 8 | o | 30.04 | − .05 | 51 | 49 | − 1 | ENE | 8 | o | 6 | 55 | 49 | — |
| Prawle Point ... | 30.15 | 49 | ENE | 6 | m | 30.12 | .00 | 48 | 47 | − 1 | ENE | 5 | o | 5 | 51 | 47 | — |
| Hurst Castle ... | 30.19 | 50 | E | 5 | o | 30.18 | − .02 | 47 | 46 | − 3 | E | 5 | m | 4 | 50 | 47 | — |
| Dover ... ... | 30.21 | 49 | E | 6 | og | 30.19 | − .06 | 47 | 44 | − 2 | E | 4 | og | 3 | 50 | 45 | — |
| London ... ... | 30.24 | 50 | E | 3 | o | 30.21 | − .01 | 48 | 44 | − 1 | E | 2 | o | * | 53 | 48 | — |
| Oxford ... ... | 30.26 | 48 | E | 1 | o | 30.24 | − .02 | 46 | 43 | − 2 | E | 1 | o | * | 50 | 45 | — |
| Cambridge ... | 30.27 | 47 | NE | 1 | r | 30.27 | − .03 | 46 | 44 | − 2 | E | 1 | o | * | 52 | 44 | 0.06 |
| Yarmouth ... | 30.28 | 50 | ENE | 5 | c | 30.25 | − .03 | 49 | 47 | − 2 | E | 5 | bc | 4 | 51 | 48 | — |
| The Helder ... | * | * | * | * | * | 30.26 | − .01 | 46 | 44 | − 2 | ENE | 2 | b | * | * | * | * |
| Cape Gris Nez | | | | | | | | | | | | | | | | | |
| Jersey ... ... | 30.12 | 48 | ENE | 6 | m | 30.10 | − .01 | 48 | 46 | − 1 | ENE | 6 | c | 5 | 49 | 45 | — |
| Brest ... ... | 30.04 | 48 | E | 5 | o | 30.04 | + .03 | 45 | 44 | − 1 | E | 5 | b | 3 | 54 | 45 | — |
| Lorient ... ... | 30.00 | 52 | E | 5 | m | 29.99 | + .02 | 45 | 43 | − 1 | E | 7 | m | 3 | 54 | 43 | — |
| Rochefort ... | 29.95 | 60 | E | 3 | bc | 29.91 | − .01 | 50 | 48 | − 3 | E | 4 | bc | 2 | 70 | 45 | — |
| Biarritz ... ... | 29.87 | 58 | SE | 3 | o | 29.91 | + .10 | 59 | ? | + 4 | SSW | 3 | b | 1 | 63 | 50 | — |
| Corunna ... ... | * | * | * | * | * | | | | * | | | | | | * | * | * |
| Brussels ... ... | * | * | * | * | * | 30.19 | − .01 | 42 | 41 | − 1 | ENE | 3 | o | * | 45 | 41 | — |
| Charleville ... | ? | 47 | E | 5 | o | ? | ? | 46 | 41 | 0 | E | 7 | o | * | 57 | 42 | — |
| Paris ... ... | 30.11 | 49 | ? | 1 | o | 30.12 | − .02 | 43 | 41 | − 5 | NE | 4 | c | * | * | * | — |
| Lyons ... ... | 30.07 | 49 | NE | 1 | b | 30.10 | + .02 | 43 | 43 | + 1 | NNE | 1 | o | * | 58 | 42 | — |
| Toulon ... ... | 30.01 | 55 | E | 8 | bc | 30.01 | − .01 | 53 | 52 | − 2 | Z | 0 | o | 5 | 61 | 52 | 0.08 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | 30.29 | 44 | 41 | NNW | 5 | o | 3 | Valentia ... | 30.25 | 52 | 47 | ENE | 4 | om | 4 |
| Sumburgh Head | 30.36 | 47 | 46 | NW | 2 | r | 6 | Scilly ... ... | 30.09 | 55 | 52 | E | 7 | o | 6 |
| Stornoway ... | 30.39 | 48 | 45 | E | 1 | c | 0 | Dover ... ... | 30.21 | 49 | 46 | ENE | 5 | og | 3 |
| Aberdeen ... | 30.43 | 47 | 43 | Z | 0 | o | 1 | London ... | 30.23 | 53 | 49 | E | 3 | c | 4 |
| Shields ... ... | 30.42 | 50 | 47 | E | 1 | o | 2 | Yarmouth ... | 30.28 | 50 | 49 | ENE | 5 | ob | 4 |
| Ardrossan ... | 30.41 | 46 | 42 | ENE | 2 | om | 2 | Jersey ... ... | 30.10 | 49 | 47 | ENE | 7 | om | 5 |
| Mullaghmore ... | 30.36 | 50 | 47 | E | 4 | o | 2 | Rochefort ... | 29.91 | 69 | 63 | E | 3 | bc | 2 |
| Holyhead ... ... | 30.32 | 49 | 48 | E | 4 | m | 3 | | | | | | | | |

No important change.

### EXPLANATION OF COLUMNS.

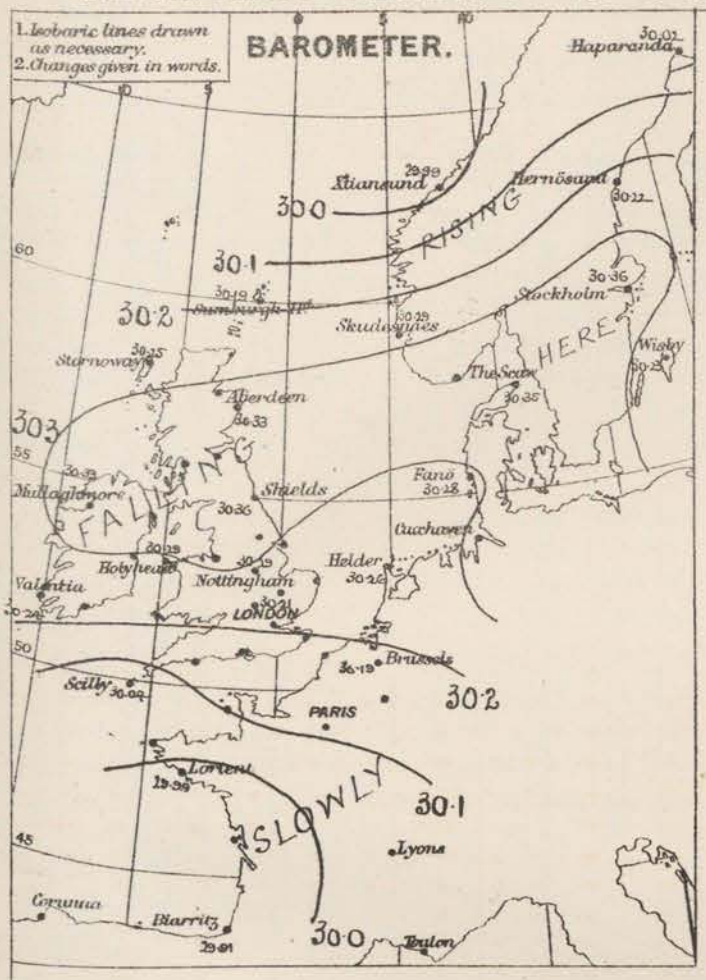
**WEATHER.**—*Beaufort Scale* is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

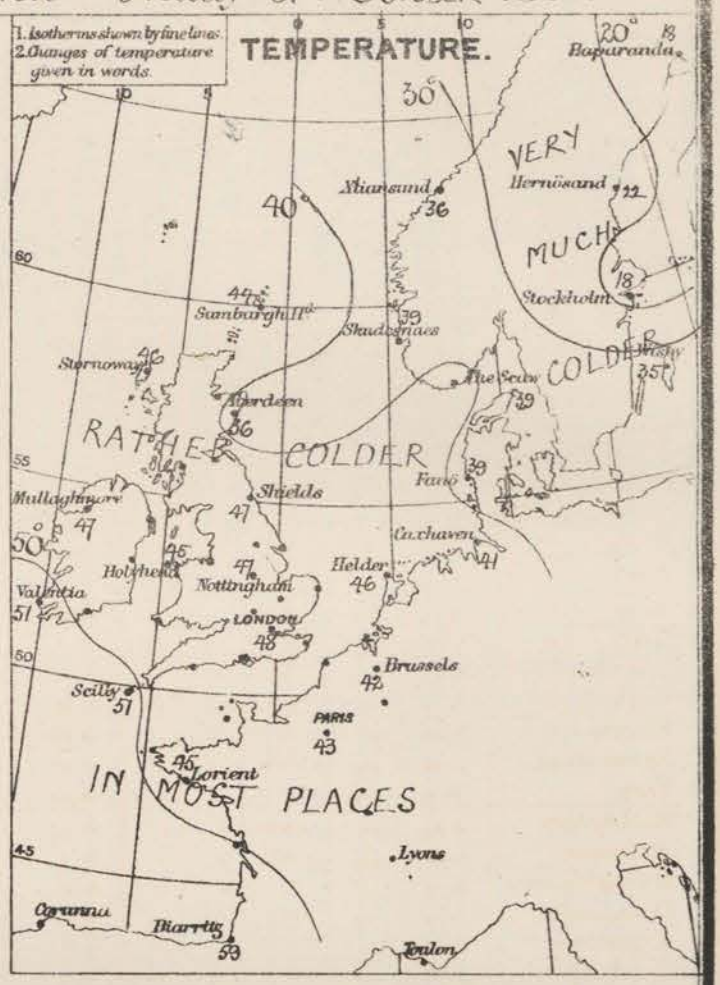
* AN ASTERISK is inserted in all places for which information is not usually received.

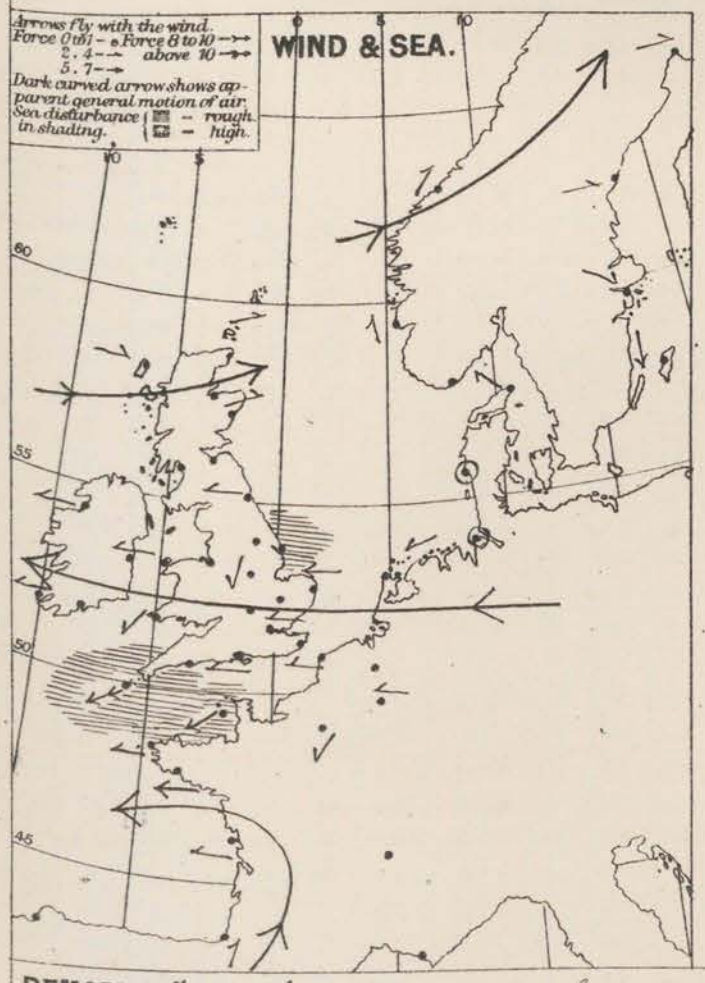
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

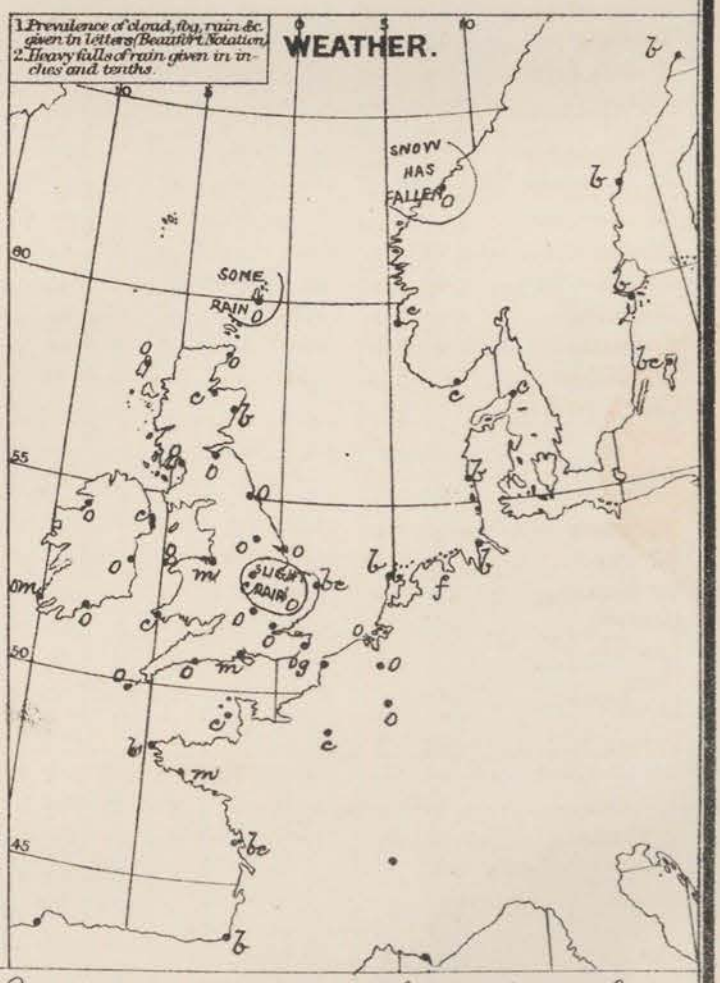
N.B.—The wind is said to "veer" when its direction changes *with the sun*, and to "back" when it shifts in the opposite direction.

# WEATHER CHARTS *for 8 a.m. on Friday 31st October 1879.*




**REMARKS.** Weather this morning is fine over Sweden and N. Germany as well as at Yarmouth and Aberdeen, but is cloudy or dull in all other places, wet most at several stations. Scarcely any rain has fallen over Wn. Europe within the past 24 hours. Temperature has fallen in nearly all places – very rapidly in Sweden. Over these Islands readings range from 36° at Aberdeen to 51° at Scilly, over France – from 43° at Paris to 59° at Biarritz, and over Scandinavia from 18° at Haparanda to 41° at Oxö. The maxima yesterday varied from about 46° in N. Scotland to 55° in the SW, while the minima last evening were nowhere very low. Wind is Wly in the extreme N. of Scotland, and Sly to SWly in Norway, but is Ely in almost all other places. Over the Channel and N. and NW of France it blows strongly, reaching a gale at Scilly, but elsewhere it is light or moderate. Sea is rough in the SW, moderate to smooth elsewhere.

Barometrical Indications. Pressure is increasing over Sweden and at Biarritz decreasing in all other places. The change is, however, very slight and the general distribution is not much altered, the area of high readings being shown in the N. and of low readings over the SW. of France.


Subscription for these Charts payable in advance to cover delivery. | Delivery by hand 10/ per quarter. book post 5/ "

Meteorological Office, 116, Victoria Street, Westminster. S.W.

R. H. SCOTT. Secretary.

Dangerfield Lith 22 Bedford St Covent Garden

# CORRECTIONS AND ADDITIONS TO THE REPORTS FOR OCTR 1879

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| DATE. | STATIONS. | † YESTERDAY EVENING. Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | 8 A.M. TO DAY. Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | PAST 24 HOURS. Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1st | Biarritz | 30·05 | 67 | NE | 3 | b | 30·01 | −·05 | 68 | 59 | + 11 | SW | 3 | m | 4 | 73 | 54 | – |
| " | Corunna | * | * | * | * | * | 30·01 | −·10 | 65 | * | + 2 | ? | ? | opf | 2 | * | * | * |
| 2nd | Corunna | * | * | * | * | * | 30·14 | +·13 | ? | * | ? | NE | 2 | cf | 5 | * | * | * |
| " | Youlon | 30·06 | 66 | L | 0 | b | 30·08 | −·10 | 66 | 61 | + 3 | L | 0 | b | 1 | 70 | 60 | – |
| 3rd | Corunna | * | * | * | * | * | 30·22 | +·08 | 57 | * | ? | NE | 1 | cf | 5 | * | * | * |
| " | Youlon | 30·02 | 65 | SW | 5 | c | 30·04 | −·04 | 64 | 58 | − 2 | NW | 5 | b | 3 | 70 | 61 | – |
| 4th | Corunna | * | * | * | * | * | 30·13 | −·09 | ?77 | * | + 20 | ?L | ?0 | c | 2 | * | * | * |
| " | Lyons | 30·30 | 52 | W | 1 | b | 30·33 | +·08 | 52 | 49 | − 5 | ENE | 1 | b | * | 63 | 40 | – |
| " | Youlon | 30·09 | 67 | NW | 4 | b | 30·17 | +·13 | 68 | 61 | + 4 | L | 0 | b | 1 | 73 | ?64 | – |
| 6th | Corunna | * | * | * | * | * | 29·98 | −·16 | 60 | * | + 1 | ? | 2 | cr | 5 | * | * | * |
| " | Youlon | 30·16 | 66 | SW | 1 | b | 30·17 | −·01 | 67 | 59 | + 2 | E | 1 | b | 1 | 72 | 61 | – |
| 7th | Skagen | 30·12 | 54 | NNW | 5 | b | 30·18 | +·07 | 53 | 51 | 0 | L | 0 | c | 0 | 57 | ? | – |
| " | Corunna | * | * | * | * | * | 29·99 | +·01 | 70 | * | + 10 | SW | 2 | odf | 1 | * | * | * |
| " | Lyons | 30·19 | 58 | NNE | 1 | b | 30·27 | +·01 | 49 | 49 | + 1 | SW | 1 | f | * | 67 | 48 | – |
| " | Youlon | 30·16 | 65 | E | 3 | b | 30·19 | +·02 | 68 | 60 | + 1 | E | 1 | b | 1 | 70 | 63 | – |
| 8th | Haparanda | 29·85 | 38 | NW | 2 | b | 30·04 | +·35 | 37 | 35 | − 2 | NW | 4 | bc | * | 46 | 33 | – |
| " | Hernösand | 30·02 | 46 | NW | 2 | b | 30·21 | +·30 | 40 | 39 | − 8 | NNW | 2 | c | * | 54 | 36 | – |
| " | Stockholm | 30·02 | 47 | WNW | 2 | b | 30·18 | +·16 | 44 | 42 | 0 | N | 2 | b | * | 54 | 39 | – |
| " | Visby | 29·95 | 52 | NW | 8 | o | 30·07 | +·09 | 50 | 47 | + 2 | NE | 8 | c | * | ? | 45 | – |
| " | Christiansund | 30·19 | 51 | W | 7 | r | 30·27 | +·15 | 49 | 48 | − 2 | WSW | 6 | r | 5 | 52 | 43 | 0·28 |
| " | Jarö | 30·29 | 54 | NW | 4 | b | 30·31 | +·05 | 54 | 52 | 0 | NNW | 4 | o | * | 57 | 54 | – |
| " | Corunna | * | * | * | * | * | 30·13 | +·14 | 57 | * | − 13 | SW | 1 | c | 1 | * | * | * |
| 9th | Corunna | * | * | * | * | * | 30·17 | +·04 | 57 | * | 0 | L | 0 | b | 2 | * | * | * |
| 10th | Corunna | * | * | * | * | * | 30·15 | −·02 | 66 | * | + 9 | ? | ? | c | 2 | * | * | * |
| 11th | Corunna | * | * | * | * | * | 30·12 | −·03 | 60 | * | − 6 | NE | 2 | b | 1 | * | * | * |
| 13th | Corunna | * | * | * | * | * | 30·23 | +·08 | 64 | * | + 5 | NE | 2 | bf | 1 | * | * | * |
| 14th | Hernösand | 29·10 | 34 | NW | 9 | o | 29·21 | −·13 | 35 | 34 | −10 | N | 9 | c | * | 55 | 30 | – |
| " | Stockholm | 29·26 | 42 | SSW | 8 | b | 29·40 | −·28 | 36 | 31 | − 9 | NW | 8 | b | * | ? | ? | 0·04 |
| " | Visby | 29·44 | 52 | W | 8 | b | 29·47 | −·36 | 41 | 35 | − 5 | NW | 9 | bc | * | 55 | 34 | – |
| " | Mullaghmore | 30·38 | 52 | W | 4 | r | 30·27 | −·17 | 58 | 52 | + 3 | W | 6 | d | 5 | 53 | 49 | 0·06 |
| " | Corunna | * | * | * | * | * | ? | ? | 65 | * | + 1 | NE | 2 | c | 2 | * | * | * |
| 15th | Corunna | * | * | * | * | * | 30·14 | ? | 62 | * | − 3 | NE | 4 | cf | 4 | * | * | * |
| " | Youlon | 30·09 | 63 | SW | 3 | be | 29·93 | −·25 | 60 | 58 | − 1 | W | 5 | c | 3 | 79 | 57 | – |
| 16th | Biarritz | 30·01 | 59 | N | 3 | o | 30·14 | +·01 | 47 | 45 | − 12 | N | 4 | bc | 3 | 64 | 45 | 0·04 |
| " | Corunna | * | * | * | * | * | 30·22 | +·08 | 55 | * | − 7 | NE | 6 | 7 | c | * | * | * |
| " | Lyons | 29·91 | 46 | NW | 1 | r | 29·98 | −·11 | 43 | 39 | − 3 | N | 3 | bc | * | 50 | 40 | 0·32 |
| " | Youlon | 29·79 | 60 | W | 7 | c | 29·97 | +·04 | 44 | 39 | − 6 | NW | 8 | b | 7 | 66 | 43 | – |
| 17th | Lyons | 30·02 | 41 | N | 1 | b | 30·19 | +·21 | 40 | 37 | − 3 | N | 1 | b | * | 48 | 35 | – |
| 18th | Corunna | * | * | * | * | * | 30·24 | ? | 50 | * | ? | L | 0 | bf | 1 | * | * | * |
| " | Lyons | 30·15 | 39 | N | 1 | bc | 30·05 | −·14 | 42 | 41 | + 2 | ESE | 1 | r | * | 49 | 37 | 0·20 |
| " | Youlon | 29·92 | 48 | NW | 6 | b | 29·99 | ? | 47 | 41 | ? | NW | 6 | bc | 7 | 54 | 41 | – |
| 20th | Christiansund | 28·76 | 38 | ESE | 3 | o | 28·63 | −·59 | 38 | 36 | + 3 | E | 3 | r | 3 | ? | 30 | – |
| " | Corunna | * | * | * | * | * | 30·22 | −·05 | 55 | * | + 5 | SW | 2 | c | 1 | * | * | * |
| 21st | Rochefort | 29·79 | 57 | W | 9 | o | 30·00 | +·08 | 55 | 50 | − 3 | NNW | 5 | c | 2 | 68 | 48 | 0·47 |
| " | Corunna | * | * | * | * | * | 30·20 | −·20 | 58 | * | + 3 | SW | ? | of | 7 | * | * | * |
| 22nd | Corunna | * | * | * | * | * | 30·28 | +·08 | 56 | * | − 2 | NE | 1 | of | 7 | * | * | * |
| " | Lyons | 29·94 | 46 | NNW | 1 | o | 30·12 | +·19 | 45 | 42 | − 3 | N | 1 | o | * | 57 | 42 | 0·08 |
| " | Youlon | 29·75 | 55 | NW | 7 | b | 29·88 | +·21 | 51 | 41 | 0 | NW | 6 | b | 7 | 57 | 46 | – |
| 23rd | Haparanda | 29·87 | 30 | N | 2 | o | 29·32 | −·16 | 30 | 30 | 0 | E | 2 | o | * | 32 | 28 | – |
| " | Hernösand | 30·23 | 35 | SSW | 4 | o | 29·06 | −·50 | 34 | 32 | + 7 | W | 2 | o | * | 39 | 23 | – |
| " | Stockholm | 29·53 | 34 | S | 4 | c | 29·33 | −·23 | 37 | 34 | + 5 | WNW | 2 | b | * | 46 | 32 | 0·12 |
| " | Visby | 29·64 | 41 | WNW | 8 | bc | 29·44 | −·08 | 41 | 40 | + 2 | NW | 8 | bc | * | 43 | 36 | 0·08 |
| " | Corunna | * | * | * | * | * | 30·28 | ·00 | 54 | * | − 2 | NE | 4 | cf | 5 | * | * | * |
| 24th | Corunna | * | * | * | * | * | 30·08 | −·20 | 53 | * | − 1 | NE | 2 | bf | 5 | * | * | * |
| 25th | Corunna | * | * | * | * | * | 30·03 | −·05 | 56 | * | + 3 | N | 4 | c | 7 | * | * | * |
| 27th | Corunna | * | * | * | * | * | 29·80 | +·08 | 46 | * | − 7 | L | 0 | b | 1 | * | * | * |
| 28th | Corunna | * | * | * | * | * | 29·75 | −·05 | 53 | * | + 7 | S | 1 | od | 1 | * | * | * |
| " | Lyons | 30·12 | 50 | N | 1 | c | 30·19 | +·19 | 45 | 45 | − 2 | N | 1 | f | * | 57 | 41 | – |

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY—(*continued.*)

| DATE. | STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | PAST 24 HOURS. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Barometer at 32° F. and Sea Level. | Temp. in shade. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Barometer. Reading at 32° F. and Sea Level. | Barometer. Difference from 8 a.m. yesterday. | Shade Temp. Dry. | Shade Temp. Wet. | Shade Temp. Difference from 8 a.m. yesterday. | Wind. Direc. | Wind. Force. (0 to 12). | Weather. | Sea. (0 to 9). | Shade Temp. Max. | Shade Temp. Min. | Amount of Rainfall. |
| 28th | Toulon | 30·14 | 55 | E | 7 | 0 | 30·12 | +·05 | 57 | 53 | +3 | E | 5 | be | 3 | 57 | 52 | – |
| 30th | Corunna | * | * | * | * | * | 29·81 | ? | 54 | * | ? | S | 2 | od | 1 | * | * | * |
| " | Toulon | 30·01 | 51 | E | 9 | 2 | 30·02 | +·02 | 55 | 52 | –4 | ESE | 8 | b | 7 | 59 | 48 | 0·87 |
| 31st | Corunna | * | * | * | * | * | 29·82 | +·01 | 55 | * | +1 | SW | 4 | cp | 1 | * | * | * |
| | | | | | | | CORRECTIONS | | | | | | | | | | | |
| 1st | Wisby | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ? | – |
| " | Lorient | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ? | – |
| 2nd | Cambridge | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0·09 |
| 3rd | Ardrossan | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0·10 |
| " | Roche's Point | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 55 | – | – |
| 4th | Hurst Castle | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 52 | – |
| 5th | London | – | – | – | – | – | 30·28 | +·05 | – | – | – | – | – | – | – | – | – | – |
| 7th | Oxford | ?30·35 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 8th | Shields | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 38 | – |
| 10th | Shields | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 43 | – |
| 12th | Kingstown | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 0·01 |
| 13th | Leith | – | – | SW | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 17th | Nairn | 29·75 | – | – | – | – | – | – | – | – | – | NW | – | – | – | – | – | – |
| " | Hurst Castle | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 35 | – |
| 18th | Leith | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 37 | – |
| 19th | Leith | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ?37 | – |
| 20th | Shields | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 59 | – | – |
| 21st | Spurn Head | – | – | – | – | – | 29·73 | – | – | – | – | – | – | – | – | – | – | – |
| " | Kingstown | – | – | – | – | – | – | – | – | – | – | – | – | – | 3 | – | – | – |
| " | Dover | – | – | – | – | – | 29·81 | – | – | – | – | – | – | – | – | – | – | – |
| 23rd | Hurst Castle | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | 51 | – |
| 28th | York | – | – | – | – | – | 30·36 | +·11 | – | – | – | – | – | – | – | – | – | – |
| " | Dover | – | – | – | – | – | 30·25 | +·13 | – | – | – | – | – | – | – | – | – | – |